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THE LIBRARY OF THE UNIVERSITY OF ILLINOIS

FEBRUARY, 1895.

QUARTERLY ANNOUNCEMENTS

OF

The University of Chicago

FOUNDED BY JOHN D. ROCKEFELLER

[REPRINTED FROM THE QUARTERLY CALENDAR.]

The University in General.

THE SPRING CONVOCATION.

THE SPRING CONVOCATION.

April 1, *Monday.*

First Term of the Spring Quarter begins.

8:30 A.M. to 12:30 P.M., and 2:00 to 4:30 P.M., Matriculation and Registration of Incoming Students.

8:00 P.M., Spring University Convocation. *The Auditorium* (cor. Wabash av. and Congress st.)

Address by the HON. CHAUNCEY M. DEPEW, LL.D., New York City.

April 2, *Tuesday.*

8:30 A.M., The lectures and recitations of the Spring Quarter begin.

April 7, *Sunday.*

3:30 P.M., Vesper Service. *Theatre, Kent Chemical Laboratory.*

UNIVERSITY AND DIVINITY LECTURES.

BY PROFESSORIAL LECTURER GEORGE DANA BOARDMAN.

Spring Quarter.

1. Six lectures to the Divinity students Tuesday evening at 5 o'clock during six successive weeks beginning April 2, upon the topics: The Office of the Law; St. Paul's Thanksgiving; Public Worship; Church Officers; The Pillar of the Truth; False Asceticism; The Sacred Gymnasium; The Treatment of Widows; Ministerial Directions; Masters and Servants; The Love of Money; The Solemn Charge; The Sacred In-[illegible]ment; False Genesis, etc., based upon the [illegible]istle to Timothy.
2. Six lectures of a general character to be given before the entire University every Tuesday evening at five o'clock during six successive weeks, beginning May 15, or Sunday afternoons, beginning April 7. Subjects to be announced later.
3. A course of six lectures in the city for ministers and others, to be arranged during April and May, on such subjects as Problem of Cities; Mission of the Church; Parable of the Body; Problem of Liberty; Conservative Progress; Coronation of Love.

PRIZES.

THE HIRSCH SEMITIC PRIZE.

The *Hirsch Semitic Prize* of $150.00 is awarded each year for the best paper prepared by a student at the University upon a Semitic subject. The next papers are to be submitted on January 1, 1896. The subjects on which competitors may write are the following:

1) The Language of the Assyrian Historical Inscriptions to be treated by Periods.
2) The Syntax of the Imperfect in the Semitic Languages.
3) The Editing of an Arabic or Syriac Manuscript, or of an Assyrian or Babylonian Text.
4) The Hebrew Sabbath.

THE BASTIN PRIZE.

The *Ellen B. Bastin Prize* of not less than $50.00, offered by the Philosophy and Science department of the Chicago Woman's Club, is to be given to the woman studying at the University of Chicago who presents the best paper embodying the results of her own original research in any of the Natural Sciences. Papers presented in competition are to be handed to the Dean of Women.

WALKER PRIZES IN NATURAL HISTORY.

By the provisions of the will of the late Dr. William Johnson Walker, two prizes are annually offered by the *Boston Society of Natural History* for the best memoirs written in the English language on subjects proposed by a committee, appointed by the Council.

For the next best memoir, a prize not exceeding fifty dollars may be awarded.

Prizes will not be awarded unless the memoirs presented are of adequate merit.

The competition for these prizes is not restric[illegible] but open to all.

Each memoir must be accompanied by a sealed envelope enclosing the author's name and superscribed with a motto corresponding to one borne by the manuscript, and must be in the hands of the Secretary on or before April 1, of the year for which the prize is offered.

Subjects for 1895:

(1) A study of the "Fall line" in New Jersey.
(2) A study of the Devonian formation of the Ohio basin.
(3) Relations of the order Plantaginaceæ.
(4) Experimental investigations in morphology or embryology.

Subjects for 1896:

(1) A study of the area of schistose or foliated rocks in the eastern United States.
(2) A study of the development of river valleys in some considerable area of folded or faulted Appalachian structure in Pennsylvania, Virginia, or Tennessee.
(3) An experimental study of the effects of close fertilization in the case of some plant of short cycle.
(4) Contributions to our knowledge of the general morphology or the general physiology of any animal except man.

NOTE.—In all cases the memoirs are to be based on a considerable body of original work, as well as on a general view of the literature of the subject.

SAMUEL HENSHAW, *Secretary.*

Boston Society of Natural History,
BOSTON, MASS., U. S. A.

THESES AND EXAMINATIONS.

DOCTORS' THESES AND EXAMINATIONS FOR ADVANCED COURSES.

Students who are candidates for the higher degrees at the July Convocation, 1895, will note the following announcements:

1. Students who are candidates for the Doctor's Degree must submit their thesis, the subject of which has already been approved, in written form to the Head or Acting Head of the Department, on or before Saturday, March 23.
2. Students who are candidates for the Master's Degree will submit their thesis in written form on or before Saturday, June 1.
3. Students who are candidates for the degree of Bachelor of Divinity or Bachelor of Theology must submit their thesis on or before Saturday, March 23.
4. In all cases the applicants will present in wr[illegible] to the proper dean a statement indicating [illegible] at which they will be prepared to [illegible] examination.

HOLIDAYS AND OTHER SPECIAL DAYS.

The First Term of the Winter Quarter, 1895, closes on Monday, February 11.

The Winter Quarter closes on Sunday, March 24, with a recess from March 25 to 31.

The Spring Quarter begins on Monday, April 1, 1895.

The First Term of the Spring Quarter ends on Saturday, May 11.

Thursday, May 30, Memorial Day; a holiday.

Thursday, July 4, Independence Day; a holiday.

REGISTRATION AND SPECIAL EXAMINATIONS.

Friday, March 1, is the last day for students in residence to hand in their registration cards for the Winter Quarter.

Students entering the University for the first time or resuming work after an absence of a term or a longer period must register on or before Monday, April 1, 1895.

Registration after these dates can be secured only (1) **by special permission granted by the Dean, and (2) after the payment of a special fee of five dollars.**

Examinations at other than the regular dates may be given only at the University, and only by special permission of the Examiner and upon the payment of a fee of not less than $10.00 nor more than $15.00.

QUARTERLY EXAMINATIONS.

The Quarterly examinations for the current Winter Quarter will be held March 20–22. One half day will be devoted to each exercise, in the order of the daily programme, as seen in the following scheme:

EXERCISE.	EXAMINATION.
8:30 A.M.	Wednesday, March 20, A.M.
9:30 A.M.	Wednesday, March 20, P.M.
10:30 A.M.	Thursday, March 21, A.M.
11:30 A.M.	Thursday, March 21, P.M.
2:00 P.M.	Friday, March 22, A.M.
3:00 P.M.	Friday, March 22, P.M.

Exercises occurring at or after 4:00 P.M. will have their examinations on Saturday, March 23.

The hours of the morning examinations will be from 9 to 12, of the afternoon examinations from 2 to 5.

During the examinations, the usual lectures and recitations will be suspended.

CIRCULARS OF INFORMATION.

The Circulars of Information which are reprints of certain portions of the UNIVERSITY REGISTER will be sent upon application.

The Circular of Information concerning THE FACULTIES OF ARTS, LITERATURE, AND SCIENCE contains in Part I. a statement of the dates upon which various University events occur, a list of departments of instruction, the terms of admission to the *Graduate School*, conditions of candidacy for the degrees of master of arts, master of science, master of philosophy and doctor of philosophy; statements concerning University fellowships, special fellowships, graduate scholarships, and docentships, the method of application for the same, statements concerning theses and examinations, departmental journals and other departmental publications, regulations governing the selection of courses, non-resident work, rooms and fees. Part II. of the circular describes the organization of the *Colleges*, contains the regulations governing the admission of students to advanced standing, the admission of unclassified students, the selection of courses, average annual expenses, the students' fund society, the employment bureau, scholarships, the conditions of candidacy for the degrees of bachelor of arts, bachelor of philosophy, and bachelor of science, the requirements for admission to the Academic Colleges, the regulations

governing the examinations for admission, and the courses of study in the Academic Colleges. Part III. contains a list of the courses offered for the current year in the Graduate School and the University College of Arts and Literature, the Ogden (Graduate) School of Science, and University College of Science, and the Academic Colleges, together with the order of examinations for admission.

The Circular of Information for THE DIVINITY SCHOOL contains an historical statement, a list of the officers of government and instruction, a list of courses for the current year in the Graduate Divinity School, the English Theological Seminary, the Danish-Norwegian Theological Seminary, and the Swedish Theological Seminary; articles upon the purpose and constituency of the Divinity School, the terms of admission, the departments of instruction, regulations governing the selection of courses, conditions of candidacy for degrees or certificates, theses and examinations, the library, fellowships, opportunities for religious work, special regulations, expenses and opportunities for self-help, together with a list of the students in the various departments.

The Circular of Information for THE UNIVERSITY EXTENSION DIVISION is issued in three separate parts. Part I. relates to the work of the *Lecture-study Department*. It contains (1) information relating to the general plan of University Extension lecture-studies and to the credit extended for the work done, directions in reference to organization, information as to expenses of the courses of lectures, and other information helpful to local Committees in organizing and promoting the work of University Extension in their towns; (2) a list of the lecturers, with a full statement of the subjects of their courses, and also of the separate lectures included in each course.

Part II. relates to the work of the *Correspondence-teaching Department*. It contains (1) general information relating to the purpose and method of instruction offered by Correspondence, the relation of Correspondence students to the University, the credit which they receive for the work, and other information for the guidance of those who desire to receive University instruction by Correspondence; (2) courses of instruction offered in this Department.

Part III. relates to the work of the *Class-work Department*. It contains (1) general information as to the aim, method, and organization of the work, the relation of Class-work students to the University, the regulation for examinations, the credit for the work done, and the regulations governing the selection of courses; (2) a full statement of the classes organized and the work offered in the Class-work Department of the University Extension Division.

THE UNIVERSITY ACADEMY at Morgan Park also issues a CALENDAR, which will be sent upon application, giving a list of the officers of government and instruction, and containing information in regard to the requirements for admission, the courses of study, average expenses, scholarships, self-help, the dormitories, special regulations, together with a description of the buildings and grounds and a list of the students in attendance during the current year.

The University (Proper).

ANNOUNCEMENT OF COURSES OFFERED BY THE FACULTY OF ARTS, LITERATURE, AND SCIENCE.

JULY 1, 1894, TO JULY 1, 1895.

NOTE.—The following is a list of the titles of courses to be given in the University from July 1, 1894, to July 1, 1895. For a complete description of the courses consult the ANNUAL REGISTER and the DEPARTMENTAL PROGRAMMES.
***Courses marked by a star are intended exclusively or primarily for Graduate Students.**

SPECIAL NOTICE FOR SPRING QUARTER.—The **number of each course** is printed in **bold-face type** following immediately upon the title of the course. The hour and place of the exercises are indicated after the course.

ABBREVIATIONS.—A, B, C, D, refer to the floors in Cobb Lecture Hall, beginning with the ground floor as A. The rooms are numbered. K=Kent Chemical Laboratory, R=Ryerson Physical Laboratory, W=Walker Museum.

The abbreviations used in the description of the courses are: M—Minor, DM—Double Minor, MM—Major, DMM—Double Major.

REGISTRATION.—Students in residence must register for the Spring Quarter on or before March 8; the registration card may be obtained from the Dean. The student will, (1) write upon the card the title and number of the courses which he desires to take; (2) secure the signature of the instructors giving these courses together with the endorsement of the head or acting head of the department in which his principal work is done; (3) deposit the same in the office of the Dean, and (4) receive from the Dean a class ticket.

Students entering the University for the first time or resuming work after an absence of a Quarter or a Term must register on or before April 1.

Registration after these dates may be secured only, (1) by special permission granted by the Dean and (2) after the payment of a special fee of five dollars.

THE GRADUATE SCHOOL AND THE UNIVERSITY COLLEGES OF ARTS AND LITERATURE.

I. PHILOSOPHY.

R, and C 13–17.

Summer Quarter.

HEAD PROFESSOR DEWEY. (C 14)

Psychological Ethics. DM. (16) 9:30

Seminar Methods of Psychological Observation. DM. (17) 11:30

ASSOCIATE PROFESSOR TUFTS. (C 17)

Psychology. James, and Dewey, *Psychologies*, with lectures and demonstrations. DM. (2a) 10:30

History of Modern Philosophy. Windelband, *History of Philosophy*, with especial study of Locke, Hume, and Kant. DM. (4b) 8:30

Autumn Quarter.

HEAD PROFESSOR DEWEY. (C 14)

Seminar. Introduction to contemporary metaphysical thought. DM. (12) 2:00

The Logic of Ethics. DM. (13) 9:30

ASSOCIATE PROFESSOR TUFTS. (C17)

General History of Philosophy. DM. (4) 10:30

Seminar in English Philosophy. DM. (6) 2:00

Philosophical German (7), with Course 6.

ASSISTANT PROFESSOR ANGELL AND MR. MCLENNON. (R 33)

Experimental Psychology. Training course. DM. (19) 8:30

Experimental Psychology. Research course. DM. (20)

ASSISTANT PROFESSOR MEAD. (C 11 and 17)

Comparative Psychology. DM. (21) 11:30

Logic. DM. (5) 8:30 and 9:30

Winter Quarter.

ASSOCIATE PROFESSOR TUFTS. (C 17)

General History of Philosophy. DM. (4) 10:30

Seminar in English Philosophy. DM. (6) 2:00

Philosophical German (7), with Course 6.

ASSISTANT PROFESSOR ANGELL AND MR. MCLENNON. (R 33)

Experimental Psychology. Training course. DM. (19) 8:30

Experimental Psychology. Research course. DM. (20)

Psychology. DM. (2) 9:30

ASSISTANT PROFESSOR MEAD. (C 14)

Comparative Psychology. DM. (21) 11:30

Methodology of Psychology. DM. (22) 9:30

Spring Quarter.

ASSOCIATE PROFESSOR STRONG.

Morbid Psychology. 24. DM. 9:30; C 17

Psychology in its relations with Philosophy. 25. DM. 11:30; C 17

ASSOCIATE PROFESSOR TUFTS.

Movements of Thought in the Eighteenth and Nineteenth Centuries. 4a. DM.
This course forms the conclusion of the General History of Philosophy, but it may be taken separately by those who have had Courses 1–3. 10:30; C 17

Seminar in English Philosophy. 6. DM. Tuesdays, 4:00–6:00; C 17

Philosophical German. 7. With Course 6.

ASSISTANT PROFESSOR ANGELL AND MR. MCLENNON.

Experimental Psychology. (Training course.) 19. DM. 8:30; R 33

Experimental Psychology. (Research course.) 20. DM. R 33

ASSISTANT PROFESSOR MEAD.

Philosophy of the Concepts of Matter and Motion in the Physical Sciences. 11. DM. 10:30; C 13

Introduction to Philosophy—Ethics. 3. DM. 9:30: C 13

II. POLITICAL ECONOMY.
C 3–8.

Summer Quarter.

PROFESSOR MILLER.

Principles of Political Economy. DM. (1) 8:30

History of Political Economy. DM. (5) 11:30

Seminar in Finance. DM. (20) 4:00

MR. HILL.

Railway Transportation. DM. (12) 3:00

Tariff History of the United States. DM. (13) 2:00

DR. CALDWELL.

Economic Factors in Civilization. DM. (6) 9:30

Scope and Method of Political Economy. DM. (3) 3:00

DR. HOURWICH.

Statistics. DM. (10) Mondays and Fridays, 10:30–12:30

Autumn Quarter.

HEAD PROFESSOR LAUGHLIN. (C 3)

***Economic Seminar.** DM. (21) 3:00

Money and Practical Economics. DM. (9) 11:30

PROFESSOR A. C. MILLER. (C 3)

History of Political Economy. DM. (5) 9:30

Finance. DM. (15) 3:00

Seminar in Finance. DM. (20) 4:00

PROFESSOR MILLER AND MR. HILL. (C 3)

Principles of Political Economy. 8:30

MR. HILL. (C 5)

Tariff History of the United States. DM. (13) 2:00

DR. VEBLEN.

Socialism. DM. (7) 10:30

DR. HOURWICH.

Statistics. DM. (10) 9:30

Winter Quarter.

HEAD PROFESSOR LAUGHLIN. (C 3)

***Economic Seminar.** DM. (21) 3:00

Money and Practical Economics. DM. (9) 11:30

PROFESSOR A. C. MILLER. (C 3)

Advanced Political Economy. DM. (1a) 8:30

Economic and Social History. DM. (2) 10:30

***Seminar in Finance.** DM. (20). 4:00

Mr. Closson. (C 3)

Scope and Method of Political Economy. DM. (3) 9:30

Descriptive Political Economy. DM. (1 B) 8:30

Dr. Veblen.

Socialism. DM. (7) 10:30; C 3

Dr. Hourwich.

Advanced Statistics. DM. (11) 9:30

Spring Quarter.

Head Professor Laughlin.

*Economic Seminar. 21. DM. 3:00; C 3

Unsettled Problems of Economic Theory. 4. DM. 11:30; C 3

Professor Miller.

Economic and Social History. 2. DM. 8:30; C 3

Financial History of the United States. 14. DM. 9:30; C 3

Mr. Closson.

Railway Transportation. 12. DM. 10:30; C 3

Social Economics. 8A. DM. 4:00; C 3

Oral Debates. 19. DM. 3:00; C 7

Dr. Veblen.

American Agriculture. 16. DM. 2:00; C 3

III. POLITICAL SCIENCE.

C 1, 9, 10, 12.

Summer Quarter.

Head Professor Judson. (C 9)

*Comparative Politics. DM. (10) 9:30

Civil Government in the United States. DM. (12) 10:30

Mr. Conger. (C 9)

Geography of Europe. DM. (11) 11:30

Autumn Quarter.

Head Professor Judson. (C 9)

*Comparative Politics. National Government. DM. (11) 9:30

Prerequisite: Course (1).

International Law. The Law of Peace. DM. (21) 10:30

Prerequisite: Course (1).

Dr. Freund.

*Institutes of Roman Law. DM. (31) 11:30

General Jurisprudence. DM. (4) 8:30

Mr. Conger. (C 9)

Geography of Europe. Repeated. DM. (71) 8:30

History of Geography. DM. (72) 9:30

Winter Quarter.

Head Professor Judson. (C 9)

*Comparative Politics. American State Government. DM. (12) 9:30

Prerequisite: Courses (1) and (11).

International Law. The Law of War. DM. (22) 10:30

Prerequisite: Courses (1) and (21).

Dr. Freund. (C 10)

*Institutes of Roman Law. DM. (32) 11:30

Administrative Law. DM. (51) 8:30

Mr. Conger. (C 9)

Geography of Europe. Repeated. DM. (71) 11:30

The Physical, Historical, and Political Geography of South and Central America. Preliminary to Course 61, Spring Quarter. DM. (73) 2:00

Spring Quarter.

Head Professor Judson.

*Comparative Politics. Municipal Government. 13. DM. 9:30; C 10

Dr. Freund.

General Jurisprudence. 42. DM. 8:30; C 10

Administrative Law. 52. DM. 11:30; C 10

Mr. Conger.

Geography of Europe (repeated). 71. DM. 11:30; C 13

Mr. Mosley.

Civil Government in the United States. Preliminary course. 1. DM. 11:30; C 11

IV. HISTORY.

C 5–8.

Summer Quarter.

Professor Terry.

*Seminar: Early European Institutions. DM. (46) Mondays and Saturdays, 8:30–10:30

The Great Migrations. DM. (27) 7:30

Associate Professor Goodspeed.

The Relations of Hebrew and Egyptian History. M. 1st Term. (13) 4:00

The Relations of Hebrew and Babylonio-Assyrian History. M. 2d Term. (14) 4:00

Dr. Shepardson.

American History, Colonial. M. 1st Term. (45a) 8:30

American History, National. M. 1st Term. (45b) 9:30

Autumn Quarter.

Head Professor von Holst.

The History of Europe in the XIX Century from 1815. DM. (39) Mondays and Thursdays, 3:00

*Seminar: American History. DM. (52) Mondays, 4:00–6:00

Professor Terry.

*Seminar: English History. The Norman Period. DM. (49) Mondays and Saturdays, 8:30–10:30

The Feudal Period.—The Holy Roman Empire. DM. (28) 4:00

Introduction to the Study of Modern History. DM. (3) 5:00

Note. Courses 3–6 are required of University College students as a prerequisite for admission to the graduate courses in History. Academic College students who have successfully completed Courses 1 and 2 may be admitted to Courses 3–6. They should be taken in the order indicated in the Register.

Associate Professor Goodspeed.

The History of Antiquity to the Persian Empire. DM. (7) 4:00

The History of Israel.—The Beginnings of Hebrew History. DM. (8) 2:00

Dr. Wirth.

The History of Ancient Greece.—Early Greek History. DM. (16) 5:00

Winter Quarter.

Head Professor von Holst. (C. 9 and 7)

The History of Europe in the XIX Century from 1815 (continued). DM. (40) Monday to Thursday, 3:00

*Seminar: American or Modern European History (continued). DM. (53) Mondays, 4:00–6:00

Professor Terry. (C 7)

*Seminar: English History (continued). The Early Angevin Period. DM. (50) Mondays and Saturdays, 8:30–10:30

The Feudal Period (continued).—Feudal France. DM. (29) 4:00

Associate Professor Goodspeed. (D 16)

The History of Israel (continued).—The History of the Hebrew Monarchy. DM. (9) 2:00

Mr. Catterall. (C 8)

The Protestant Reformation and The Religious Wars. DM. (4) 11:30
See note to Course 3, Autumn Quarter.

Dr. Wirth. (C 8)

The History of Ancient Greece (continued).—The Age of Pericles. DM. (17) 5:00

Spring Quarter.

Head Professor von Holst.

The History of Europe in the XIX Century from 1815 (continued). 41. DM. Monday–Thursday, 3:00; C 9

*Seminar: American or Modern European History (continued). 54. DM. Mondays, 4:00–6:00; C 7

Professor Terry.

*Seminar: English History (continued). The Later Angevin Period. 51. DM. Mondays, 8:30–10 30; C 7

The Feudal Period (continued). 30. DM. Tuesday–Friday, 4:00; C 7

Associate Professor Goodspeed.

The History of Israel (continued).—The Exilic and Post-Exilic History of Israel. 10. DM. 2:00; D 16

The History of Rome to the Antonines. 20. DM. 4:00; D 16

Dr. Shepardson.

History of the United States. 6. DM. 9:30; C 7
See note to Course 3, Autumn Quarter.

Social Life in the American Colonies. 44. DM. 10:30; C 9

Mr. Catterall.

The French Revolution and the Era of Napoleon. 5. DM. 11:30; C 8
See note to Course 3, Autumn Quarter.

Dr. Wirth.

The History of Ancient Greece (continued).—The Age of Alexander and His Successors. 18. DM. 5:00; C 8

V. ARCHÆOLOGY.

Winter Quarter.

PROFESSOR TARBELL. (B 2)

Introduction to Classical Archæology. DM. (1) 10:30

The History of Greek Vases. (Special course.)

Spring Quarter.

PROFESSOR TARBELL.

Greek Life, Studied from the Monuments. 3. DM. 10:30; B 2

VI. SOCIOLOGY AND ANTHROPOLOGY.

C 2, 10–12, and W.

Summer Quarter.

HEAD PROFESSOR SMALL.

***The Methodology and Bibliography of Social Science.** M. 1st Term. (22) Withdrawn.

***The Province of Sociology and its Relation to the Special Social Sciences.** MM. 1st Term. (24) 8:30–10:30

ASSOCIATE PROFESSOR HENDERSON.

Methods of Promoting Social Welfare by Voluntary Organizations. MM. 2d Term. (20) 2:00–4:00

ASSOCIATE PROFESSOR BEMIS.

Child Labor and Immigration Legislation. DM. (21) 11:30

Trades Union Demands for State Activity. (20) 10:30

DR. THOMAS.

The Historical Sociologies. DM. (30) 10:30

DR. WEST.

General Anthropology. DMM. 4:00

MR. FULCOMER.

Elements of Sociology. DM. (40) 3:00

Autumn Quarter.

HEAD PROFESSOR SMALL.

***Seminar: Problems of Social Dynamics.** Continuous through three Quarters. First Quarter. DM. (28) 2:00

***Problems of Social Statics.** Continuous through three Quarters. First Quarter. DM. (27) 3:00

HEAD PROFESSOR SMALL AND MR. VINCENT.

The Province of Sociology and its relation to the Special Social Sciences. DM. (24) 8:30

ASSOCIATE PROFESSOR HENDERSON.

***Seminar: Organizations for Promoting Social Welfare.** DM. (14) Tuesdays, 4:00–6:00

The Family. M. 1st Term. (18) 2:00

Social Institutions of Organized Christianity. M. 2d Term. (15) 2:00

Voluntary Associations. M. 2d Term. (19) 3:00

ASSISTANT PROFESSOR TALBOT.

Seminar in Sanitary Science. DM. (10) 3:00

House Sanitation. DM. (11) 10:30

ASSISTANT PROFESSOR STARR.

Laboratory Work in Anthropology. DM. (1) 2:00

Physical Anthropology. Laboratory Work. DM. (2) 3:00

General Anthropology. DM. (4) 11:30

DR. WEST.

Applied Anthropology. DMM. (3) 3:00

Winter Quarter.

HEAD PROFESSOR SMALL. (C 10)

***Seminar: Problems of Social Dynamics.** Second Quarter. DM. (28) 2:00

***Problems of Social Statics.** Second Quarter. DM. (27) 3:00

HEAD PROFESSOR SMALL AND MR. VINCENT. (C 10)

Social Anatomy, Physiology, and Psychology. DM. (25) 8:30

ASSOCIATE PROFESSOR HENDERSON. (C 11)

***Seminar: Organizations for Promoting Social Welfare.** DM. (14) Tuesdays, 4:00–6:00

Social Conditions in American Rural Life. M. 1st Term. (31) 3:00

Economical and Governmental Agencies for Advancement of General Welfare. M. 1st Term. (32) 2:00

Modern Cities and Coöperation of their Beneficent Forces. M. 2d Term. (33) 3:00

Social Treatment of Dependents and Defectives. M (or MM). 2d Term. (16) 2:00

ASSISTANT PROFESSOR TALBOT. (C 11)

Seminar in Sanitary Science. DM. (10) 3:00

Sanitary Aspects of Water, Food, and Clothing. DM. (12) 10:30

ASSISTANT PROFESSOR STARR. (W., 3d floor)

Laboratory Work in Anthropology. DM. (1) 2:00

Physical Anthropology. Laboratory Work. DM. (2) 3:00

Ethnology. DMM and DM. (5) 11:30

Dr. M. West. (C 10)

The Settlement Movement and Similar Methods of Amelioration. M (or MM). 1st Term. (39) 3:00

The Origin and Evolution of Society. A presentation of Professor Giddings' system of sociology. M. 2d Term. (40) 3:00

Mr. Vincent. (C 10)

Contemporary Society in the United States. DM. (37) 3:00

Dr. Thomas. (C 10)

The Historical Sociologies. DM. (30) 9:30

Spring Quarter.

Head Professor Small.

*Seminar: Problems of Social Dynamics. Third Quarter. 28. DM. 2:00; C 10

*Problems of Social Statics. Third Quarter. 27. DM. 3:00; C 10

Head Professor Small and Mr. Vincent.

Social Anatomy, Physiology, and Psychology (continued). 25. DM. 8:30; C 8

Assistant Professor Talbot.

General Hygiene. 39. DM. 10:30; C 11
Open under certain conditions to the Academic Colleges.

Seminar in Sanitary Science. 10. DM. 3:00; C 11

The Economy of Living. 13. DM. 9:30; C 11

Assistant Professor Starr.

Laboratory Work in Anthropology. 1. DM. 2:00; W 3d floor

Physical Anthropology. Laboratory Work. 2. DM. 2:00; W 3d floor

Prehistoric Archæology. 6. DM. 11:30; W 3d floor

Associate Professor Bemis.

Labor Legislation, and some other Phases of State Activity on behalf of Wage Workers. 21. DM. 10:30; C 10

Trades Unionism and Coöperation. 20. DM. 11:30; C 10

Dr. G. M. West.

Applied Anthropology. 3. DM. 3:00; W 3d floor.

Mr. Vincent.

Urban Life in the United States. 38. DM. Withdrawn. 3:00

The Province of Sociology and its Relation to the Special Social Sciences. 24. DM. 2:00; C 8

Dr. Max West.

Social Aspects of Taxation. 48. DM. 3:00; C 8

Course 27 forms Part II, and Course 28 Part III of the system of Social Philosophy introduced by Courses 24 and 25. Students who wish to make Sociology their principal subject, may combine Courses 24, 25, and 27 as three Double Majors.

Courses 24 and 25 will be required of all candidates for the degree of Doctor of Philosophy who present Sociology either as primary or secondary subject.

VII. COMPARATIVE RELIGION.

D 16.

Summer Quarter.

Associate Professor Goodspeed.

The Historical Development of Religious Ideas. DM. 3:00

Autumn Quarter.

Associate Professor Goodspeed.

Early Historical Religions. DM. (1) 3:00

Winter Quarter.

Associate Professor Goodspeed. (D 16)

The Hebrew Religion. DM. (2) 3:00

Mr. Coffin. (D 16)

The Elements of Hindi (for beginners). DM. (2a) 10:30

Spring Quarter.

Associate Professor Goodspeed.

Islam. 3. DM. 3:00; D 16

Professor Barrows.

The Relations of Christianity to the Other Religions; Lectures. 4.
Sundays in May and June at 3:30. No credit given for this course.

Dr. Buckley.

The Religions of China and Japan (except Buddhism). 5. DM. 4:00; W 3d floor.

VIII. SEMITIC LANGUAGES AND LITERATURES.

D 12–16.

Summer Quarter.

Head Professor Harper.

Book of Hosea. DM. (24) 7:30

The Arabic Language. The Earlier Suras. M. 1st Term. (86) 10:30

Advanced Hebrew Grammar. M. 2d Term. (94) 9:30

PROFESSOR BURNHAM.

Advanced Hebrew Grammar—Syntax. M. 1st Term. (95) 9:30

The Psalter. M. 1st Term. (22a) 10:30

HEAD PROFESSOR HARPER AND DR. CRANDALL.

Hebrew Language. MM. 2d Term. (3) 8:30

ASSOCIATE PROFESSOR PRICE.

Hebrew Language. MM. 1st Term. (2) 8:30 and 11:30

Deuteronomy, and Hebrew Syntax. M. 1st Term. (9) 9:30

ASSOCIATE PROFESSOR GOODSPEED.

Relations of Hebrew, Assyrian, and Egyptian History. DM. (36) 4:00

ASSOCIATE PROFESSOR HARPER.

Early Assyrian Historical Inscriptions. M. 1st Term. (73) 9:30

Assyrian Language. M. 1st Term. (71) 10:30

Assyrian Language. MM. 2d Term. 2:00–4:00

The Book of Proverbs. M. 2d Term. (27) 9:30

Micah. M. 1st Term. (21) 10:30

DR. CRANDALL.

Historical Hebrew. M. 2d Term. (5) 9:30

Autumn Quarter.

HEAD PROFESSOR HARPER. (D 15)

Books of Joel, Amos, Obadiah, and Jonah. DM. (42) 7:30

Earlier Suras of the Kuran. DM. (87) 8:30

Semitic Seminar. DM. (102) Wednesdays, 2:00–4:00

ASSOCIATE PROFESSOR PRICE. (D 15)

Special Introduction to Prophetic Books. DM. (38) Tuesdays and Thursdays, 2:00–4:00

The Book of Kings—Sight Reading. Mondays and Wednesdays.

ASSOCIATE PROFESSOR GOODSPEED. (D 16)

Beginnings of Hebrew History. DM. (30) 2:00

History of Antiquity to the Persian Empire. DM. (34) 4:00

Earliest Historical Religions. DM. (49) 3:00

ASSOCIATE PROFESSOR HARPER. (D 13)

Beginners' Syriac. DM. (68) 2:00

Assyrian Language. DM. (72) 3:00

Later Historical Inscriptions. DM. (74) 4:00

DR. CRANDALL. (D 16)

Books of Chronicles. M. 2d Term. 11:30

DR. KENT. (D 15)

Outline of Hebrew History. DM. (29) 11:30

Winter Quarter.

HEAD PROFESSOR HARPER. (D 15)

Early Old Testament Traditions. DM. (47) 7:30

Arabic History, Geography, and Commentary. DM. (91) 8:30

Semitic Seminar. DM. (102) Wednesdays, 2:00–4:00

PROFESSOR HIRSCH. (D 13)

Talmud. M. 1st Term. (57) 2:00

Selected Readings from Arabic Authors, using Dieterici's *Abhandlungen der Ichwān es Safā* (Leipzig, 1884–86). 3:00

ASSOCIATE PROFESSOR PRICE. (D 15)

Special Introduction to Hebrew Poetry and Poetical Books. M. 1st Term. (41) 2:00

Messianic Prophecy. DM. (40) 3:00

Biblical Aramaic. M. 2d Term. (66) 2:00

Hebrew Lexicography. (Seminar.) DM. (96) Time to be arranged.

ASSOCIATE PROFESSOR GOODSPEED. (D 16)

History of the Hebrew Monarchy. DM. (32) 2:00

History of the Hebrew Religion. DM. (50) 3:00

ASSOCIATE PROFESSOR HARPER. (D 13)

Advanced Syriac. DM. (69) 9:30

Selected Assyrian Historical Inscriptions. DM. (75) 10:30

DR. CRANDALL. (D 16)

Deuteronomy—Sight Reading. 1st Term. ½ M (8) 8:30

Jeremiah—Sight Reading. 2d Term. ½ M. (14) 8:30

Spring Quarter.

HEAD PROFESSOR HARPER.

Old Testament Institutions and Laws. 48. DM. 7:30; D 15

Semitic Seminar. 102. DM. Saturday, 7:30–9:30; D 15

HEAD PROFESSOR HARPER AND DR. CRANDALL.

Beginning Hebrew. 1. MM. 1st Term. 8:30 and 2:00; D 15

Books of Samuel. 4. MM. 2d Term. 8:30 and 2:00; D 15

PROFESSOR HIRSCH.

Targum. 67. M. 1st Term. 9:30; D 13

Talmud (Jerusalemic). 59. DM. 10:30; D 13

Arabic: Thousand and One Nights. 90. DM. 11:30; D 13

ASSOCIATE PROFESSOR PRICE.

The Psalter. 25. DM. 3:00; D 15

History, Principles, and Methods of Old Testament Interpretation. (Seminar.) 46. DM. 4:00; D 15

Jeremiah (in English). 37b. M. 2d Term. 2:00; D 11

ASSOCIATE PROFESSOR GOODSPEED.

Exilic and Post-Exilic History of Israel. 33. DM. 2:00; D 16

Islam. 92. DM. 3:00; D 16

ASSOCIATE PROFESSOR HARPER.

Mesopotamian Life. 54. M. 1st Term. 2:00; D 13

Mesopotamian Geography. 53. M. 2d Term. 2:00; D 13

Assyrian Letters. 78. DM. 3:00; D 13

Selected Assyrian Historical Inscriptions. 75 b. DM. 4:00; D 13

DR. KENT.

Books of Kings. 6. M. 1st Term. 10:30; D 16

Isaiah i-xxxix. 11. M. 2d Term. 10:30; D 16

MR. BREASTED.

Elementary Egyptian. 106. DM. 11:30; D 15

History of Egypt. 118. DM. 10:30; D 15

IX. BIBLICAL AND PATRISTIC GREEK.

D 12.

Summer Quarter.

ASSOCIATE PROFESSOR MATHEWS.

The Epistle to the Galatians. M. 2d Term. (31) 9:30

DR. ARNOLT.

New Testament Syntax: Noun, Pronoun, and Prepositions. M. 2d Term. (3) 7:30

Paul's Epistles to the Thessalonians. M. 2d Term. (30) 8:30

New Testament Quotations from the Old Testament. Part II. The Epistles. M. 1st Term. (41) 7:30

Prerequisite: Courses 1 (or 2), 25 (or 27) and a knowledge of Hebrew.

Autumn Quarter.

HEAD PROFESSOR BURTON.

Life of Paul and Introduction to Pauline Epistles. DM. (20) 9:30

Prerequisite: Course 1 or 2.

ASSOCIATE PROFESSOR MATHEWS.

History of New Testament Times in Palestine. DM. (10) 9:30–11:30

DR. ARNOLT.

Josephus. M. 1st Term. (49) 8:30

Winter Quarter.

HEAD PROFESSOR BURTON. (D 15)

New Testament Greek. DM. (1) 11:30

Epistle to the Romans. DM. (33) 10:30

Prerequisite: Courses 1 (or 2); 25 (or 27); and 20.

Epistle to the Galatians. 31. M. 2d Term.

ASSOCIATE PROFESSOR MATHEWS. (D 15)

Gospel of Luke: a study in Historical Criticism and Interpretation. A Seminar. DM. (27) 2:00

Historical Study of the Life of Christ. DM. (12)

DR. ARNOLT. (D 16)

Septuagint. Rapid Reading of selected portions. DM. (44) 8:30

Textual Criticism of the New Testament. DM. (8) 9:30

Spring Quarter.

HEAD PROFESSOR BURTON.

Introduction to the Synoptic Gospels. 18. DM. 3:00; D 11

ASSOCIATE PROFESSOR MATHEWS.

The Formation of the New Testament Canon and its History in the Ante-Nicene Period. 57. DM. 10:30; D 2

DR. ARNOLT.

Christian Literature to Eusebius. 55. DM. 8:30; D 16

Introduction to the Epistle to the Hebrews, the General Epistles, and the Revelation. 21. DM. 9:30; D 16

MR. VOTAW.

Rapid Translation and Interpretation of Paul's Epistles. 4. DM. 11:30; D 16

X. SANSKRIT AND INDO-EUROPEAN COMPARATIVE PHILOLOGY.

B 2–8.

Summer Quarter.

ASSOCIATE PROFESSOR BUCK.

Sanskrit, for Beginners. DM. 10:30

General Introduction to the Study of Indo-European Philology. M. First Term. (1) 11:30

Comparative Grammar of Greek and Latin. M. Second Term. (2) 11:30

Autumn Quarter.

Associate Professor Buck.

General Introduction to the Study of Indo-European Philology. M. First Term. (1) 10:30

Comparative Grammar of Greek and Latin. M. Second Term. (2) 10:30

Sanskrit, for Beginners. DM. (4) 11:30

Winter Quarter.

Associate Professor Buck. (B 4)

Comparative Grammar of Greek and Latin (continued). M. First Term. (2) 10:30

Exercises in Greek and Latin Comparative Grammar. M. Second Term. (3) 10:30

Sanskrit (continued). DM. (5) 11:30

Spring Quarter.

Associate Professor Buck.

Sanskrit (continued). 6. M. 1st Term. 10:30; B 3

Lithuanian. 12. M. 2d Term. 10:30; B 3

Avestan (Zend). 10. DM. 11:30; B 3

XI. THE GREEK LANGUAGE AND LITERATURE.

B 2–8.

Summer Quarter.

Professor Shorey.

Æschylus (Oresteia). M. 1st term. (12) 10:30

Teachers' Course. M. 1st Term. (23) 11:30

A Greek Reading Club meets once a week from October to June, intended primarily for undergraduates who wish to keep up their knowledge of Greek in the interval between their regular collegiate courses.

Autumn Quarter.

Professor Shorey.

Æschylus and Sophocles. DM. (23) Mondays and Thursdays, 3:00–5:00

The Greek Drama (Seminar). DM. (25) Wednesdays, 3:00–5:00

Research Work in Greek Philosophy.

Professor Tarbell.

Introduction to Greek Epigraphy. DM. (11) 10:30

Assistant Professor Castle.

Demosthenes, Oration on the Crown; **Æschines,** Selections from the Oration Against Ctesiphon. DM. (15) 10:30

Winter Quarter.

Professor Shorey. (B 2)

The Greek Drama (Seminar). (Continued.) DM. (25) Wednesdays, 3:00–5:00

Research Work in Greek Philosophy.

Professor Tarbell. (B 2)

Plato, Protagoras and Euthyphro. DM. (7) 9:30

Introduction to Classical Archæology. DM. (12) 10:30

Assistant Professor Castle. (B 7)

Euripides: Rapid Reading Course for Graduates. 9:30

Spring Quarter.

Professor Shorey.

Pindar, Olympian and Pythian Odes. 21. DM. 3:00; B 2

The Greek Drama (Seminar). (Continued.) 25. DM. Wednesday, 3:00–5:00; B 2

Professor Tarbell.

Thucydides (Sicilian Expedition). 10. DM. 11:30; B 2

Greek Life, Studied from the Monuments. 14. DM. 10:30; B 2

XII. THE LATIN LANGUAGE AND LITERATURE.

B 2–8.

Summer Quarter.

Head Professor Hale.

Teachers' Training Course. M. 1st Term. (40) 11:30

Problems in Latin Syntax. M. (40b) 1st Term. Tuesdays, 3:00–5:00

Professor Chandler.

The Epistles of Horace. DM. (17) 9:30

The Georgics of Virgil. M. 1st Term. (15) 8:30

Tibullus and Propertius. M. 2d Term. (18) 8:30

Professor Post.

Selections from Martial. M. 1st Term. 10:30

Introduction to Latin Epigraphy. M. 1st Term. 3:00

Autumn Quarter.

Head Professor Hale.

Teachers' Training Course. DM. (33) 11:30

***Seminar 3: Comparative Syntax of the Greek and Latin Verb.** DM. (36) Tuesdays, 3:00–5:00

PROFESSOR CHANDLER.

Seneca. DM. (16) 8:30

*Tacitus. (Seminar.) (35) Wednesdays, 3:00–5:00

Winter Quarter.

HEAD PROFESSOR HALE. (B 8 and 2)

Plautus. DM. (9) 11:30

*Seminar 3: Comparative Syntax of the Greek and Latin Verb. DM. (Continued.) (36) Tuesdays, 3:00–5:00

PROFESSOR CHANDLER. (B 5 and 7)

Horace (Book II of Epistles) and Quintilian. DM. (13) 8:30

*Tacitus (Seminar). (Continued.) (35) Wednesdays, 3:00–5:00

Spring Quarter.

HEAD PROFESSOR HALE.

Catullus and Horace (Book I of Epistles). 12 DM. 11:30; B 8

*Seminar 3: Comparative Syntax of the Greek and Latin Verb (continued). 36. DM. Tuesday, 3:00–5:00; B 2

PROFESSOR CHANDLER.

Tacitus and Suetonius. 18. DM. 8:30; B 5

ASSISTANT PROFESSOR MILLER.

Historical Development of Roman Satire. 24. DM. 9:30; B 6

XIII. ROMANCE LITERATURE AND PHILOLOGY.

B 12–16.

Summer Quarter.

HEAD PROFESSOR KNAPP.

*Old French. DM. 9:30

*Spanish. Modern Drama. DM. 10:30

ASSISTANT PROFESSOR BERGERON.

French. Rapid Reading and Conversation. M. First Term. 10:30

French. Elements of the Literature. M. Second Term. 10:30

*French. Literature of the 19th Century. DM. (14) 8:30

French. Advanced Syntax. DM. 9:30

MR. HOWLAND.

Spanish. Knapp's Grammar and Modern Readings DM. 9:30

Italian. Grandgent's Grammar. DM. 10:30

*Italian. Manzoni, I Promessi Sposi. DM. 11:30

Autumn Quarter.

ASSISTANT PROFESSOR BERGERON.

French. Advanced Syntax and Composition. DM (4) 9:30

French. Rapid Reading and Conversation. DM. (7) 10:30

*French Literature of the 19th Century. DM. (10) 8:30

MR. HOWLAND.

*Old Spanish. Poema del Cid. DM. (20) 9:30

*Italian. Classic Prose. Machiavelli. DM. (31) 3:00

Italian. Grammar. Modern Readings. DM. (28) 11:30

DR. DE POYEN-BELLISLE.

*Historical French Grammar. DM. (13) 9:30

*Old French Texts. DM. (16) 10:30

*Old Provençal Texts. DM. (19) 11:30

*Old French Seminar. Fortnightly, on Tuesdays, 4:00

MISS WALLACE.

Elementary Spanish. DM. (23) 10:30

Spanish. General survey of Spanish Literature. Lectures and Texts. DM. (26) 9:30

Winter Quarter.

ASSISTANT PROFESSOR BERGERON. (B 16)

*French. History of the Literature from the origin to the 19th Century. DM. (8) Monday and Saturday, 8:30–10:30
Prerequisite: Course 16.

*Old French Literature Seminar. Fortnightly, on Tuesdays, 4:00

*French. Literature of the 19th Century. DM. (11) 8:30

Modern French Literature Seminar. Fortnightly, on Mondays, 4:00

Elements of French Literature. DM. (14 a) 9:30
Prerequisite: Course 7.

French. Rapid Reading and Conversation. DM. (5) 10:30
Prerequisite: Course 4.

MR. HOWLAND. (B 12 and 13)

*Spanish. Classic and Modern Dramatists. DM. (21) 9:30

Italian. History of Italian Literature. Lectures and Texts. DM. (29) 11:30

*Italian. Dante, L'Inferno. DM. (32) 8:30

Dr. de Poyen-Bellisle.

***Historical French Grammar.** DM. (14) 8:30; B 15

***Old Provençal Texts.** DM. (17) 9:30; B 15

***Old French Seminar.** Fortnightly, on Tuesdays, 4:00; B 15

Spring Quarter.

Assistant Professor Bergeron.

Advanced Syntax. 40. DM. 10:30; B 16
Prerequisite: *Entrance French 2.*

Elements of French Literature. 6. DM. 8:30; B 16
Prerequisite: *Course 5.*

***Modern French Seminar.** 12. DM. Wednesday, 4:00–6:00; B 16
Saturday, 8:30–10:30; B 16

Dr. de Poyen-Bellisle.

***Historical French Grammar.** 15. DM. 8:30; B 12

***Italian Philology.** 33. DM. 9:30; B 12

XIV. GERMANIC LANGUAGES AND LITERATURES.

B 9–11.

***Germanic Club and Seminar:** Courses 1–19, inclusive, constitute the work of the first section of the Germanic Seminar; the second section, including candidates for the degree of Ph.D., other advanced students, and all instructors of the department, meets fortnightly on Monday from 3 to 5 P.M. for the reading and discussion of reports, reviews, and original papers upon subjects connected with the work of the first section. Mondays, 3:00–5:00

Summer Quarter.

Associate Professor Cutting.

***Gothic.** DM. (9) 3:00

Schiller's Wallenstein. DM. (22) 9:30

Dr. von Klenze.

***Middle High German.** DM. (5) 2:00

Autumn Quarter.

Associate Professor Cutting.

***The Literary Coöperation of Goethe and Schiller.** DM. (1) 2:00

Assistant Professor Schmidt-Wartenberg.

***Introduction to Phonetics.** M. First Term. (13) 3:00

***Middle Low Franconian.** M. Second Term. (14) 3:00

***History of the German Language.** DM. (17) 4:00

Dr. von Klenze.

***Gothic.** DM. (5) 8:30

Schiller. DM. (21) 10:30

Goethe's Lyrical Poetry as an Exponent of his Life. DM. (26) 9:30

Mr. Mulfinger.

Heine's Prose and Poetry. DM. (27) 8:30

Winter Quarter.

Associate Professor Cutting. (B 9 and 10)

***German Prose Composition.** DM. (28) 9:30

***The Literary Coöperation of Goethe and Schiller** (continued). DM. (1) 2:00

Assistant Professor Schmidt-Wartenberg. (B 9)

***Old High German.** DM. (6) 2:00

***Old Norse.** DM. (16) 3:00

***Old Saxon.** DM. (18) 4:00

Mr. Dahl.

Elementary Course in Norwegian (Danish). DM. 8:30

The principles of the language taught inductively by the use of modern texts. Incidentally helpful to students of English or Germanic philology.

Outline Course in Scandinavian Literature. DM. 10:30

Beginning with Old Norse this work includes a survey of the rise and development of the three distinct literatures, Danish, Norwegian, and Swedish. The importance of Old Norse mythology in connection with English and German literature renders this an object of special attention in this course. Lectures upon modern literary activity in Scandinavian countries, the reading and discussion of representative books of each epoch and reports upon assigned reading are elements of the work.

Spring Quarter.

Assistant Professor Schmidt-Wartenberg.

***Comparative Gothic Grammar.** 15. DM. 4:00; B 9

Dr. von Klenze.

***The Nibelungenlied.** 4. DM. 2:00; B 9

Outline History of German Literature. 23. DM. 9:30; B 10

Mr. Dahl.

Studies in Björnson and Ibsen. 21. DM. 9:30; B 14

Lectures on the literary activity of the two authors, supplemented by a critical study of representative works and assigned reading.

Swedish Literature. 21a. DM. 2:00; B 9

Lectures on the modern literary activity in Sweden, including studies in the works of Tegnér, Runeberg, Snoilski, and others.

XV. THE ENGLISH LANGUAGE AND LITERATURE, AND RHETORIC.

D 8–10.

Summer Quarter.

Professor L. A. Sherman.

Themes in Novel, Poem, and Drama. M. 1st Term. (2) 2:00

Associate Professor McClintock.

The Elements of Literature. DM. (19) 9:30

***English Literary Criticism.** DM. (34) 10:30

Assistant Professor Blackburn.

Old English; Elementary Course. DM. (14) 3:00

Middle English. M. (26) 2:00

Studies in English Grammar. M (39) 2:00

Mr. Herrick.

Daily Themes, a course of Advanced English Composition. DM. (7) 8:30

Autumn Quarter.

Professor Wilkinson. (D 16)

Blank Verse; Critical Study of Masterpieces in Rhymed Verse; with Production, for Criticism in class, of pieces in both kinds of verse. DM. (63) 8:30

Criticism of Criticism. M. 1st Term. (64) 9:30

History and Fiction. M. 2d Term. (8) 9:30

Associate Professor Butler. (D 16)

English Essayists of the Nineteenth Century. DM. (59) 11:30

Associate Professor McClintock. (D 8)

***English Literature Seminar.** The beginnings of the Romantic Movement of the Eighteenth Century; Studies in English Literature from 1725–1775. DM. (33) 4:00–6:00

The English Romantic Poets from 1780 to 1830. DM. (18) 10:30

Assistant Professor Blackburn. (D 9)

***Old English; Advanced Course.** Beowulf and the other secular poetry. DM. (27) 2:00

***English Language Seminar.** Layamon's *Brut*, with special studies in Early Middle English. M. (28) Mondays, 2:00–4:00

Old English; Elementary Course. DM. (23) 3:00

Assistant Professor Crow. (D 2)

The Prose of the Elizabethan Era. DM. (46) 2·00

***English Literature Seminar.** The Works of Marlowe and Marlowe's Influence on Shakespeare. DM. (36) 10:30–12:30

Assistant Professor Tolman. (D 9)

The Rise of the English Drama and its History to 1560. DM. (44) 9:30

Mr. Herrick. (D 1)

Advanced English Composition. 2 DM. (5) 11:30

Seminar in Writing. (Appointments) (8 A)

Mr. Triggs. (D 9)

Nineteenth Century Literary Movements. Studies in Criticism, Poetry, the Novel and Essay with reference to modern Literary tendencies. DM. (38) 11:30

***The Poetry of Browning and Meredith.** DM. (52) 8:30

Winter Quarter.

Professor Moulton.

Spenser's "Faerie Queene." DM. (67) 10:30

Associate Professor McClintock. (D 8)

***Milton.** DM. (17) 4:00–6:00

Assistant Professor Blackburn. (D 9)

Old English (continued). Reading of Prose Selections. DM. (24) 3:00

***English Language Seminar.** Studies in Early Middle English (continued).

Assistant Professor Crow. (D 2)

History of the Drama in England from 1560 to 1642. DM. (47) 2:00

*English Literature Seminar. The Sonneteers before Shakespeare and Shakespeare's Sonnets. DM. (36) 10:30–12:30

Assistant Professor Tolman. (D 16)

Shakespeare; the Interpretation of Representative Plays. DM. (42 B) 10:30

Mr. Herrick. (D 1)

Advanced English Composition. 2DM. (5) 3:00
Sec. *a*, continued.
Sec. *b*, beginning.

*Seminar in Writing. (Appointments.) (8 A)

Mr. Lewis. (D 7)

*The History of Rhetoric and Rhetorical Methods. DM. (54 B) 9:30

Mr. Lovett. (D 8)

Argumentative Composition. DM. (3) 8:30

Miss Reynolds. (D 8)

The Poetry of William Wordsworth. DM. (32) 9:30

Mr. Triggs.

The Art School of English Poets. Studies in the æsthetic theories and artistic production of the nineteenth century. DM. (68) 11:30

*Nineteenth Century Literature. Browning and Tennyson: Religious Poems. DM. (52) 8:30

Mrs. Brainard.

Critical Examination of the Text of Hamlet. DM. (66) 11:30

Spring Quarter.

Professor Moulton.

Theory and Practice of Literary Interpretation. 62. DM. 10:30; D 9

Assistant Professor Blackburn.

Old English (continued). Reading of poetical texts. 25. DM. 3:00; D 9

The History of Old English Literature. Lectures and assigned reading. 56. DM. 2:00; D 9

*English Language Seminar. Studies in Early Middle English (continued). 28. M. Monday, 2:00–4:00; D 9

Assistant Professor Crow.

The Sources of Shakespeare's Plays. 40. DM. 2:00; B 16

*English Literature Seminar. Introduction to the study of the Life and Works of Shakespeare. 36. DM. Thursday, 10:30–12:30; C 14

Assistant Professor Tolman.

Chaucer (a reading course). 45. DM. 9:30; D 8

Mr. Herrick.

*Special Appointments in Writing. 8A. D 1

Advanced English Composition. 5. DM. 3:00; D 1

Mr. Triggs.

American Literature; Outline History with detailed Study of Emerson, Longfellow, Poe, Lowell, and Whitman. An additional Seminar in Emerson for graduate students. 22. DM. 11:30; D 8

*English Literature of the Nineteenth Century. The Novel, the Realistic School. 49. DM. 8:30; D 8

Dr. Carpenter.

English Literary Criticism, the work of Dryden Coleridge, and Arnold. 69. DM. 9:30; D

XVI. BIBLICAL LITERATURE IN ENGLISH.

A. Old Testament.

Autumn Quarter.

Associate Professor Price.

The Minor Prophets. DM. (A 17) 4:00

Winter Quarter.

Dr. Kent. (D 16)

The Minor Prophets of the Assyrian Period. M. 1st Term. (18) 2:00

Isaiah I–XXXIX. M. 2d Term. (12) 2:00

Spring Quarter.

Associate Professor Price.

The Book of Jeremiah (English). 37b. M. 2d Term. 2:00; D 11

Associate Professor Harper.

Mesopotamian Geography. 53. M. 2d Term. 2:00; D 13

Mesopotamian Life. 54. M. 1st Term. 2:00; D 13

B. New Testament,

Summer Quarter.

Associate Professor Mathews.

The Second Group of the Epistles of the Apostle Paul. M. 2d Term. (B 15) 8:30

Mr. Votaw.

The Gospel of John. M. 1st Term. (B 10) 9:30

Autumn Quarter.

Mr. Votaw.

The Founding of the Christian Church. DM. (B 4) 11:30

The Teaching of Jesus. DM. (B 21) 10:30

Winter Quarter.

Associate Professor Mathews. (D 15)

The Gospel of Matthew. DM. (B 7) 9:30

XXVIII. ELOCUTION.

K Theatre.

Autumn Quarter.

Mr. Clark.

Advanced Elocution. 3 hrs. a week. M. (2)
Tuesday, Wednesday, and Friday, 11:30

Spring Quarter.

Mr. Clark.

Reading Aloud. 3 hrs. a week. 4. M.
Monday, Wednesday, and Friday, 4:00

Dramatic Reading. 5. M.
Monday, Wednesday, and Friday, 3:00

THE OGDEN (GRADUATE) SCHOOL AND THE UNIVERSITY COLLEGE OF SCIENCE.

XVII. MATHEMATICS.

R 35–40.

The Mathematical Club and Seminar. The Club meets throughout the year, on alternate Saturdays at 4:30 P.M., in the Ryerson Physical Laboratory, room 35, for the review of memoirs and books, and for the presentation of the results of research. The club is conducted by the members of the Mathematical Faculty and is open to all graduate students of Mathematics.

Summer Quarter.

PROFESSOR MOORE.

Theory of Functions of a Complex Variable. Based on Forsyth's *Theory of Functions.* DM. (22) 8:30
Prerequisite: A thorough knowledge of Differential and Integral Calculus.

Elliptic Functions. Based on Weber's *Elliptische Functionen und algebraische Zahlen.* DM. (26). 7:30
Prerequisite: Theory of Functions and Theory of Substitutions.

Special Seminar on Functions. Memoirs and problems relating to the theory of functions are assigned to the members of the Seminar for reading and investigation. On alternate Mondays. D½M. (27) 7:30

DR. YOUNG.

Theory of Numbers. DM. (19) 9:30

The Elements of the Theory of Invariants with Applications to Higher Plane Curves. DM. (15) 10:30
Prerequisite: Determinants, and a thorough course in the Theory of Equations.

MR. SLAUGHT.

Determinants. M. 1st Term. (8) 9:30

MR. SMITH.

Differential and Integral Calculus. Advanced Course. DM. (7) 7:30

Plane Analytic Geometry. Advanced Course. DM. (6) 8:30

MR. HUTCHINSON.

Differential and Integral Calculus. First Course. M. 1st Term. (6 A) 1:45

Autumn Quarter.

PROFESSOR MOORE.

Projective Geometry. Based on Reye's *Geometrie der Lage.* DM. (14) 10:30

Elliptic Modular Functions. Based on Klein's *Elliptische Modulfunctionen* (vol. i). DM. (28). To be continued in the Spring Quarter. 11:30
Prerequisite: Theory of Functions and Elements of the Theory of Substitutions and of the Theory of the Icosahedron.

PROFESSOR BOLZA.

Introduction to the Theory of Quaternions. DM. (21) 9:30
Prerequisite: Analytic Geometry of Three Dimensions.

Theory of Functions of a Complex Variable. DM. (23) 11:30
Prerequisite: Differential and Integral Calculus.

ASSISTANT PROFESSOR MASCHKE.

Advanced Integral Calculus. To be continued through two quarters. First quarter. DM. (10) 9:30
Prerequisite: Differential Calculus and the elements of Integral Calculus.

Higher Plane Curves. DM. (16) 8:30
Prerequisite: Analytic Geometry and the elements of Theory of Invariants.

DR. BOYD.

Analytics and Calculus. To be continued through three quarters. First quarter: Casey's *Treatise on Conic Sections.* With fortnightly *Colloquium.* DM. (4) Section 4*a* 11:30
Section 4*b* 10:30

Winter Quarter.

PROFESSOR BOLZA. (R 38)

Analytic Geometry of Three Dimensions. DM. (12) 11:30
Prerequisite: Analytics and Calculus.

Theory of Substitutions. DM. (25) 9:30
Prerequisite: Theory of Equations.

ASSISTANT PROFESSOR MASCHKE. (R 35)

Weierstrass' Theory of Elliptic Functions. DM. (24)
Prerequisite: Elements of Theory of Functions. 10:30

Advanced Integral Calculus. To be continued through two quarters. Second quarter. DM. (10) 8:30
Prerequisite: Differential Calculus and the elements of Integral Calculus.

DR. YOUNG.

The Theory of Equations. Based on Burnside and Panton's *Theory of Equations.* To be continued through two quarters. First quarter. DM. (9) 9:30
Prerequisite: Analytic Geometry and the Differential Calculus.

The Theory of Numbers. DM. (20) 8:30

DR. BOYD. (R 36)

Analytics and Calculus. To be continued through three quarters. Second quarter: Todhunter's *Differential and Integral Calculus.* With fortnightly *Colloquium.* DM. (4)
Section 4*a* 11:30
Section 4*b* 10:30

Spring Quarter.

PROFESSOR MOORE.

Elliptic Modular Functions. 28. DM.
Continuation of course 28 of the Autumn Quarter.
Monday and Thursday, 2:30-4:30; R 36

Groups. This course, conducted by the lecture-seminar method, is a continuation of Courses 20 and 25. 29. DM.
Tuesday and Friday, 2:30-4:30; R 36

ASSISTANT PROFESSOR MASCHKE.

Analytic Mechanics. 13. DM. 9:30; R 36
Prerequisite: *Analytic Geometry and a thorough knowledge of Differential and Integral Calculus.*

Algebraic Surfaces. 17. DM. 8:30; R 36
Prerequisite: *Higher Plane Curves, and Analytic Geometry of Three Dimensions.*

DR. YOUNG.

The Theory of Equations. Based on Burnside and Panton's *Theory of Equations.* To be continued through two quarters. Second quarter. 9. DM. 10:30; R 38
Prerequisite: *Analytic Geometry and Differential Calculus.*

Culture Calculus. Introduction to the Differential and Integral Calculus. This course is general and summary, and is intended to give to those who do not wish to study Mathematics further an idea of this important instrument of mathematical thought. 5. DM. 9:30; D 15
Prerequisite: *Required Mathematics.*

DR. BOYD.

Differential Equations. Based on Forsyth's *Differential Equations.* With fortnightly *Colloquium.* 11. DM. 8:30; R 38
Prerequisite: *Advanced Integral Calculus.*

Analytics and Calculus. To be continued through three quarters. Third quarter: Todhunter's *Differential and Integral Calculus.* With fortnightly *Colloquium.* 4. DM. R 36
Section 4*a* 11:30
Section 4*b* 10:30

DR. HANCOCK.

Calculus of Variations. Based on the developments of Weierstrass and of Schwarz. 23 A. ½DM.
Monday and Saturday, 11:30; R 38

XVIII. ASTRONOMY.

R 35.

Summer Quarter.

DR. SEE.

***Gauss's Method of Determining Secular Perturbations, with Numerical Application to the Action of Neptune on Uranus.** DM. (25) 9:30

***Theory of the Attraction and Figures of the Heavenly Bodies.** DM. (26)
Prerequisite: Differential and Integral Calculus.

DR. LAVES.

General Astronomy. Introductory course. DM. (27) 11:30
Prerequisite: Algebra, Geometry, Trigonometry, and the elements of Physics.

***Determination of Latitude and Longitude, with practical work in the Observatory.** DM. (28) 7:30

DR. SEE AND DR. LAVES.

***Astronomical Seminar.** Practical courses in particular topics. (29) Alternate Saturdays at 3:00

Autumn Quarter.

ASSOCIATE PROFESSOR HALE.

Astronomical Photography. DM. (1) 7:30 P.M.
Prerequisite: General Astronomy and Physics.

Stellar Spectroscopy. DM. (3) 7:30 P.M.
Prerequisite: Solar Physics.

Dr. See.

*Research Course in the Theory of Tides. DM. (30)

Elements of the Theory of Gravitation. DM. (31) 11:30

Prerequisite: Conic sections, Differential Calculus, and the Elements of Physics.

Dr. Laves.

*Partial Differential Equations. DM. (32) 11:30

Prerequisite: Differential and Integral Calculus and the Elements of Ordinary Differential Equations.

Spherical and Practical Astronomy. DM. (33) 10:30

Prerequisite: General Astronomy and Differential Calculus.

Dr. See and Dr. Laves.

*Astronomical Seminar. (34)

Alternate Saturdays at 3:00

Winter Quarter.

Associate Professor Hale. (Kenwood Observatory)

Solar Physics. DM or DMM. (2) 2:00

Prerequisite: General Astronomy and Advanced Physics.

Dr. See. (R 35)

*Research Course in the Theory of Tides. (35)

General Astronomy. DM. (36) 11:30

Prerequisite: Algebra, Trigonometry, and the Elements of Physics.

Dr. Laves. (R 35)

*Dynamics of a System. DM. (37) 2:00

Prerequisite: Differential and Integral Calculus, and Analytical Mechanics.

Spherical Astronomy. (Part II.) DM. (38) 3:00

Prerequisite: Differential and Integral Calculus, and General Astronomy.

Dr. See and Dr. Laves. (R 35)

*Astronomical Seminar. (39)

Fortnightly Saturdays at 3:00

Spring Quarter.

Associate Professor Hale.

Solar Physics (continued). 2. DM. 2:00

Prerequisite: *General Astronomy and Advanced Physics.*

Astro-Physical Research. 4.

Dr. See.

*Research Course in the Theory of Secular Tidal Friction and in Cosmogony. 40. DM. R 35

General Astronomy (continued). 41. DM. 10:30; R 35

Dr. Laves.

*Theory of a Rotating Body. 42. DM. 2:00; R 35

Prerequisite: *Differential and Integral Calculus, and Analytical Mechanics.*

*Special Perturbations. 43. DM. 3:00; R 35

Prerequisite: *Differential and Integral Calculus, and Elements of the Theory of Orbits.*

Dr. See and Dr. Laves.

*Astronomical Seminar. 44.

Alternate Saturdays at 3:00; R 35

XIX. PHYSICS.

R.

Summer Quarter.

Head Professor Michelson. (R 26)

*1. Research Course. DMM. (1)

*2. Graduate Course. 10 or 18 hrs. a week, 3DM or DMM. 11 30

Prerequisite: Advanced course in General Physics.

Autumn Quarter.

Head Professor Michelson. (R 26)

*Research Course. DMM. (1)

Monday–Friday, 2:00–6:00

*Special Graduate Course. DM or DMM. (2)

Lectures: Thursday–Friday, 11:30

Laboratory work, Monday–Friday, 2:00–6:00

Prerequisites: Advanced Course in General Physics.

Spectrum Analysis. M. (7)

Throughout Quarter, 11:30

Associate Professor Stratton. (R 29)

General Physics. (Advanced). ½ DM. (3)

Lectures: Monday, Tuesday, Wednesday, 10:30

Prerequisites: Differential and Integral Calculus.

Laboratory Methods. DM. (11)

Thursday, Friday, Saturday, 9:30

Mechanical Drawing. Graphic and Curve Tracing. ½DM. (16)

ASSISTANT PROFESSOR WADSWORTH. (R 13)

General Physics. (Advanced). ½ DM. (3)
Lectures: Thursday, Friday, Saturday, 10:30

Laboratory Practice. (Advanced). DM. (4)
Monday–Friday, 2:00–5:00
Prerequisite: Theory of Reduction of Observations, Course 15.

Winter Quarter.

HEAD PROFESSOR MICHELSON. (R 26)

***Research Course.** DMM. (1)
Monday–Friday, 2:00–6:00

***Special Graduate Course.** DM. or DMM. (2)
Lectures: Thursday and Friday 11:30
Laboratory work: Monday–Friday, 2:00–6:00
Prerequisite: Advanced Course in General Physics.

Velocity of Light. M. (8)
Throughout Quarter. 11:30

General Physics (Advanced). ½DM. (3)
Tuesday and Wednesday, 10:30

ASSOCIATE PROFESSOR STRATTON. (R 29)

General Physics (Advanced). ½DM. (3)
Lectures: Tuesday and Thursday, 10:30

ASSISTANT PROFESSOR WADSWORTH. (R 13)

Mechanical Drawing. Graphic and Curve Tracing. ½DM. (16) 5 hrs. a week.

General Physics (Advanced). ½DM. (3)

Theory of Heat. DM. (14)
Monday–Wednesday, 10:30

Laboratory Practice (Advanced). DM. (4)
Monday–Friday, 2:00–5:00
Prerequisite: Differential and Integral Calculus.

Spring Quarter.

HEAD PROFESSOR MICHELSON.

***Research Course.** 1. DMM.
Monday–Friday, 2:00–6:00; R 27

***Special Graduate Course.** 2. DM. or DMM.
Lectures: Thursday and Friday, 11:30; R 27
Laboratory work: Monday–Friday, 2:00–6:00
Prerequisite: *Advanced Course in General Physics.*

Application of Interference Methods. 9. MM. or throughout Quarter 11:30; R 27

General Physics (Advanced). 3. ½DM.
Lectures: Tuesday and Wednesday, 10:30; R 27

ASSOCIATE PROFESSOR STRATTON.

General Physics (Advanced). 3. ½DM.
Lectures: Tuesday, Thursday, 10:30; R 31
Prerequisite: *Differential and Integral Calculus.*

Laboratory Practice (Advanced). 4. DM.
Monday–Saturday, 2:00–5:00; R 19 and 21

Electrical Measurements. 13. DM.
Monday–Saturday, 2:00–5:00; R 19
Prerequisite: *General Physics (Advanced).*

ASSISTANT PROFESSOR WADSWORTH.

Research Methods. 12. DM.
Monday–Thursday, 9:30; R 31

Theory of Reduction of Observations. 15. DM.
Monday–Friday.
Prerequisite: *Differential and Integral Calculus.*

Design and Construction of Instruments of Precision. 10. DM. 10 hrs. a week. R 20
Prerequisite: *Course 16 and two Quarters advanced Laboratory Work.*

XX. CHEMISTRY.
K.

Special fees will be charged to students taking Laboratory Courses in Chemistry as follows:

$5.00 a quarter for a Double Minor Course.
$10.00 a quarter for a Double Major Course.

In no case, however, will a student, taking several courses in Chemistry, be charged more than $10.00 a quarter.

Summer Quarter.

PROFESSOR NEF.

Special Chapters of Organic Chemistry. ½ M. 2d Term. (25) Fridays and Saturdays, 11:30

***Research Work for Ph. D. Thesis. Organic Chemistry.** MM. Second Term. (20)

ASSISTANT PROFESSOR SCHNEIDER.

Special Chapters of Inorganic Chemistry. ½ DM. (12) Thursdays and Fridays, 2:00
Prerequisite: General Chemistry.

Qualitative Analysis. Laboratory Work. DM or DMM. (5)
Prerequisite: General Inorganic Chemistry.

Quantitative Analysis. Laboratory Work. DM or DMM. (7)
Prerequisite: Qualitative Analysis.

Advanced Inorganic Work. DM or DMM. (14)
Prerequisite: See Course (13), Autumn Quarter.

***Research Work for Ph.D. Thesis. Inorganic Chemistry.** DMM. (20)

Dr. Stieglitz.

General Inorganic Chemistry. DMM. (2)
Mondays, Tuesdays, Wednesdays, and Thursdays, 11:30
Mondays, Tuesdays, and Wednesdays, 2:00–5:00

***Research Work for Ph. D. Thesis. Organic Chemistry.** DMM. (20)

Special Organic Preparations. DMM. (19b)

Dr. Curtiss.

General Organic Chemistry. DMM. (10) 8:30
Prerequisites: General Chemistry and Qualitative Analysis.

Organic Preparations. DM or DMM. (19)
Prerequisites: See Course (18), Autumn Quarter.

Autumn Quarter.

Professor Nef.

Organic Chemistry. DM. (9)
Thursday, Friday, and Saturday, 11:30
Prerequisite: General Chemistry and Qualitative Analysis.

Organic Preparations: Laboratory Work. DM or DMM. (18)
Prerequisites: Qualitative and Quantitative Analysis, Mineralogy (for candidates for the degree of Ph.D.) and Organic Chemistry, (although it may be taken simultaneously in connection with lectures on Organic Chemistry). Those intending to pursue research work in Inorganic Chemistry will be required to take this course as a Triple Minor, and those intending to pursue research work in Organic Chemistry will be required to take the course as a Triple Major.

***Research Work for Ph.D. Thesis. Organic Chemistry.** Laboratory work. DMM. (20)

Journal Meetings. (21)

Assistant Professor Smith.

General Inorganic Chemistry. DM. (1)
First Term. Monday–Friday, 11:30
Second Term. Monday–Wednesday, 11:30
Laboratory. Monday and Tuesday, 2:00–5:00
Prerequisite: Academic College course in Physics, including laboratory work.
A continuous course through three Quarters.

General Chemistry. Chiefly laboratory work. M. (3) Second Term.

***Research Work for Ph.D. Thesis. Organic Chemistry.** DMM. (20)

Dr. Lengfeld.

Advanced Inorganic Chemistry. Lectures. ½ DM. (11)
Prerequisite: Course (1), or equivalent.

Advanced Inorganic Preparations. DM or DMM. (13)
Prerequisites: Qualitative and Quantitative Analysis, Mineralogy, and a reading knowledge of French and German. Those intending to pursue research work in Organic Chemistry will be required to take this course as a Triple Minor; those intending to engage in Inorganic Research will be required to take the course as a Triple Major.

***Theoretical Chemistry.** Lectures. ½ DM. (15)
Tuesday and Friday, 8:30
Prerequisites: Physics, General Organic and Inorganic Chemistry.

***Research Work for Ph.D. Thesis. Inorganic Chemistry.** DMM. (20)

Dr. Stieglitz.

Qualitative Analysis. Laboratory Work. DM or DMM. (4)
Prerequisite: General Inorganic Chemistry.

Quantitative Analysis. Laboratory Work. DM or DMM. (6)
Prerequisite: Qualitative Analysis.

***Research Work for Ph.D. Thesis. Organic Chemistry.** DMM. (20)

The Carbohydrates and Complex Hydrocarbons. ½ DM. (23) Monday and Thursday, 8:30
Prerequisite: Organic Chemistry.

Dr. Ikuta.

The Chemistry of Coal Tar Colors. ¼ DM. (27)

Winter Quarter.

Professor Nef. (K 14)

Organic Chemistry (continued). DM. (9) 11:30

Organic Preparations. Laboratory Work. DM or DMM. (18)
Prerequisites: See Course (18), Autumn Quarter.

***Research Work for Ph.D. Thesis. Organic Chemistry.** Laboratory Work. DMM. (20)

Journal Meetings. (21) Fridays, 4:30

ASSISTANT PROFESSOR SMITH. (K 20 and 36)

General Inorganic Chemistry (continued). DM. (1) Monday, Tuesday, Wednesday, 11:30
Laboratory, Monday, and Tuesday, 2:00–5:00

General Chemistry (continued). Chiefly laboratory work. DM. (3) Same hours as Course (1)

***Research Work for Ph.D. Thesis. Organic Chemistry.** DMM. (20)

DR. STIEGLITZ. (K 24)

Qualitative Analysis. Laboratory Work. DM or DMM. (4)
Prerequisite: General Inorganic Chemistry.

Quantitative Analysis. Laboratory Work. DM or DMM. (6)
Prerequisite: Qualitative Analysis.

***Research Work for Ph.D. Thesis. Organic Chemistry.** DMM. (20)

Elementary Spectrum Analysis. Chiefly laboratory work. ½ DM. (8)
Prerequisite: General Chemistry.

Organic Nitrogen Derivatives. ½ DM. (24)
Monday and Thursday, 8:30
Prerequisite: Organic Chemistry.

DR. LENGFELD. (K 20)

Advanced Inorganic Chemistry. ½ DM. (11)
Lectures: Wednesday and Saturday, 8:30
Prerequisite: Course (1), or equivalent.

Advanced Inorganic Preparations. DM or DMM. (13)
Prerequisites: See Autumn Quarter.

Theoretical Chemistry (continued). ½ DM. (15)
Tuesday and Friday, 8:30
Prerequisites: See Autumn Quarter.

***Research Work for Ph.D. Thesis. Inorganic Chemistry.** DMM. (20)

Physico-Chemical Methods. Laboratory work. ½ DM. (22)
Prerequisite: Quantitative Analysis.

DR. CURTISS.

***History of Chemistry.** ½ DM. (17)
Prerequisites: General and Organic Chemistry.

DR. IKUTA.

The Chemistry of Coal Tar Colors. ¼ DM. (27)

Spring Quarter.

PROFESSOR NEF.

Organic Chemistry (concluded). 9. M. 1st Term.
Thursday, Friday, Saturday, 11:30; K 20

Organic Preparations. Laboratory Work. 18. DM or DMM. First Term. K 21
Prerequisite: *See Autumn Quarter.*

***Research Work for Ph.D. Thesis. Organic Chemistry.** 20. MM. First Term. K 21

ASSISTANT PROFESSOR SMITH.

General Inorganic Chemistry (concluded). 1. DM.
Monday, Tuesday, Wednesday, 11:30; K 20
Laboratory, Monday and Tuesday, 2:00–5:00

General Chemistry (continued). 3. DM.

***Research Work for Ph.D. Thesis. Organic Chemistry.** 20. DMM.

DR. LENGFELD.

Advanced Inorganic Preparations. 13. DM or DMM. K 21
Prerequisite: *See Autumn Quarter.*

***Theoretical Chemistry** (continued). 15. ½ DM.
Tuesday and Friday, 8:30; K 20
Prerequisite: *See Autumn Quarter.*

Gas Analysis. 28. DM. K 18
Prerequisite: *Quantitative Analysis.*

Qualitative Analysis. Laboratory Work. 4. M or MM. 2d Term. K 24
Prerequisite: *General Inorganic Chemistry.*

Quantitative Analysis. Laboratory Work. 6. M or MM. 2d Term. K 24
Prerequisite: *Qualitative Analysis.*

Research Work for Ph.D. Thesis. Inorganic Chemistry. 20. DMM. K 30

DR. STIEGLITZ.

Qualitative Analysis. Laboratory Work. 4. M or MM. 1st Term. K 24
Prerequisite: *General Inorganic Chemistry.*

Quantitative Analysis. Laboratory Work. 6. M or MM. 1st Term. K 24
Prerequisite: *Qualitative Analysis.*

***Research Work for Ph.D. Thesis. Organic Chemistry.** 20. MM. 1st Term.

DR. CURTISS.

The Aromatic Series. 26. ½ DM. K 20
Mondays and Thursdays, 8:30

XXI. GEOLOGY.

W.

Summer Quarter.

PROFESSOR SALISBURY.

Special Geology. M or MM. (24)

Professional Geology. (28)

Independent Field Work. (29)

Geographic Geology (at the University). MM. 1st Term. (9) 9:30–11:30
Prerequisites: Physiography, Elementary Geology, Elementary Physics, and Chemistry.

Field Geology. (Selected localities in the field, centering in 1894 about Devil's Lake, Wisconsin.) 2d Term. MM and M. (27)
Prerequisites: Course (9) or its equivalent.

Autumn Quarter.

HEAD PROFESSOR CHAMBERLIN.

General Seminar. (26)

Principles and Working Methods of Geology. DM or DMM. (23) 10:30
Prerequisites: Courses (9) and (11), or their equivalents; Mineralogy and Petrology.

Professional Geology. DM. (28)

HEAD PROFESSOR CHAMBERLIN AND PROFESSOR SALISBURY.

Special Geology. M or MM. (24)

Local Field Geology. (25)

PROFESSOR SALISBURY.

Geographic Geology. DM or DMM. (9) 11:30
Prerequisites: Physiography, Elementary Geology, Physics, and Chemistry.

Laboratory Work in Geographic Geology. (10)
Open to members of Course (9) only.

ASSOCIATE PROFESSOR IDDINGS.

Geometrical and Physical Crystallography. 3 M. (2) 9:30
(Autumn Quarter and 1st Term of Winter Quarter.
Prerequisites: Physics and Inorganic Chemistry.

Petrography. DM (or DMM). (6) 2:00
Prerequisite: Course (2).

DR. QUEREAU.

Introduction to Palæontologic Geology. (17a)
Prerequisites: Zoölogy and General Geology.

Special Palæontologic Geology. DM or DMM. (19) 10:30
Prerequisite: Course 17a.

Winter Quarter.

HEAD PROFESSOR CHAMBERLIN. (W)

Principles and Working Methods of Geology (continued). DM or DMM. (23) 10:30
Prerequisites: See Autumn Quarter.

General Seminar. (26)

Professional Geology. DM or DMM. (28)

Seminar in Glacial Geology. M. 2d Term. (23b) 10:30

HEAD PROFESSOR CHAMBERLIN AND PROFESSOR SALISBURY. (W)

Special Geology (continued). M or MM. (24)

PROFESSOR SALISBURY. (W)

Structural Geology and Continental Evolution. DM or DMM. (11) 11:30
Prerequisites: Course (9), Geology. Desirable antecedents: Elementary Mineralogy and Petrology.

General Geology. DM or DMM. (12) 9:30
Not open to Academic College students, except in cases of special fitness.

Dynamic Geography. 1 or more MM or M.
Prerequisites: Courses (9) and (11), or their equivalents.

ASSOCIATE PROFESSOR IDDINGS. (W)

Geometrical and Physical Crystallography (continued). 1st Term. (2) 9:30

Descriptive Mineralogy. M. 2d Term. (3) 9:30
Prerequisite: Course (2).

Petrography. DMM or DM. (6) 2:00
Prerequisites: Courses (2) and (3).

ASSOCIATE PROFESSOR PENROSE. (W)

Economic Geology. DM. (14) 8:30
Prerequisites: Courses (4) and (11); also Inorganic Chemistry and Physics.

Chemistry of Ore Deposits. DM. (15)
Prerequisite: Courses (5), (6), and (14); Geology.

DR. QUEREAU. (W)

Palæontologic Geology. Palæozoic Life. DM or DMM. (18) 2:00
Prerequisite: Course (17a), Geology.

Special Palæontologic Geology. DM or DMM. (19) 10:30
Prerequisite: Course 17a.

Spring Quarter.

HEAD PROFESSOR CHAMBERLIN.

General Seminar. 26.

Geologic Life Development. 16. DM. 10:30
Prerequisite: *Zoölogy, Botany, Course 11 or 12, Geology.*

Professional Geology. 28. DM or DMM.

HEAD PROFESSOR CHAMBERLIN AND PROFESSOR SALISBURY.

Special Geology (continued). 24. M or MM.

Local Field Geology (continued). 25.

PROFESSOR HOLMES.

Archæologic Geology. 22. ½ M. Friday, 2:30

Geographic Geology. 22a. ½ M. Friday, 3:30
Courses 22 and 22a, with accompanying reading and drawing, together count as one M.

ASSOCIATE PROFESSOR IDDINGS.

Descriptive Mineralogy (continued). 3. DM. 1st Term. 9:30
Prerequisite: *Courses (2) and (3).*

Petrography. 6. DMM or DM. 11:30
Prerequisite: *Course 2.*

Petrology. 7. M or MM.

DR. QUEREAU.

Palæontologic Geology. Mesozoic Life. 18. DMM or DM. 2:00

Special Palæontologic Geology. 19. DM or DMM.
Prerequisite: *Course 17a.* 10:30

MR. O. C. FARRINGTON.

Determinative Mineralogy. 4. M. 2d Term. 9:30
Prerequisites: *Courses 2 and 3.*

XXII. ZOÖLOGY.

K.

Special fees will be charged to students taking Laboratory Courses in Zoölogy, Anatomy and Histology, Physiology, and Neurology as follows:
$5.00 a quarter for a Double Minor Course.
$10.00 a quarter for a Double Major Course.

Summer Quarter.

HEAD PROFESSOR WHITMAN.

Marine Biology at the Marine Biological Laboratory, Wood's Holl.

Autumn Quarter.

HEAD PROFESSOR WHITMAN.

***Embryology. Higher Invertebrates. Research.** DMM. (1) 4:00
Prerequisites: The introductory Courses in Embryology, Anatomy, and Histology.

***Seminar.** DM. (2) Bi-weekly.

DR. WHEELER.

Comparative Anatomy of the Vertebrates. DM or DMM. (9) Lectures and Laboratory Work. 9:30
Prerequisite: General Biology.

DR. JORDAN.

Special Bacteriology. DM or DMM. (12) 8:30
Prerequisites: General Biology, General Bacteriology.

DR. WATASÉ.

Anatomy and Physiology of the Cell. Research Course. DM. (6) 10:30

Winter Quarter.

HEAD PROFESSOR WHITMAN. (K 22)

***Embryology. Higher Invertebrates.** DMM. (3) 4:00
For prerequisites see Autumn Quarter.

***Seminar.** DM. (4) Bi-weekly.

DR. WHEELER. (K 37)

Comparative Anatomy of the Vertebrates (continued). DM. or DMM. (10) Lectures and Laboratory Work. 9:30–12:30
For Prerequisites see Autumn Quarter.

DR. JORDAN. (K 13)

Special Bacteriology. DM. or DMM. (14) 8:30
Prerequisites: General Biology, General Bacteriology.

DR. WATASÉ. (K 37)

Anatomy and Physiology of the Cell (continued). DM. (7) 10:30

Spring Quarter.

HEAD PROFESSOR WHITMAN.

***Embryology. Tectonics of the Vertebrate Embryo.** 5. DMM. 4:00; K 22
Prerequisite: *The introductory courses in Morphology.*

DR. WHEELER.

Vertebrate Embryology. 11. DMM. 9:30–12:30; K 37
Prerequisite: *General Biology, Histology, and Comparative Anatomy of Vertebrates.*

Dr. Jordan.

Special Bacteriology. 16. DM or DMM. 8:30; K 13

Prerequisite: *General Biology, General Bacteriology.*

General Bacteriology. 17. DM. 9:30; K 37

Dr. Watasé.

Anatomy and Physiology of the Cell (continued). 8. DM. 10:30; K 37

XXIII. ANATOMY AND HISTOLOGY.

K 37.

Laboratory Fees, see Department XXII.

Summer Quarter.

Dr. Eycleshymer.

Methods Employed in the Preparation of Animal Tissues for Histological Study. M. 1st Term. (1)

Elements of Histology. M. 2d Term. (2)

Autumn Quarter.

Dr. Eycleshymer.

Mammalian Anatomy. M. 1st Term. (1) Wednesday and Thursday, 2:00–5:00

Methods Employed in the Preparation of Animal Tissues for Histological Study. M. 2d Term. (2) Wednesday and Thursday, 2:00–5:00
Prerequisite: Course (1).

Winter Quarter.

Dr. Eycleshymer.

Elements of Histology. M. 1st Term. (3)
Prerequisite: Course (2).
Thursday and Friday, 2:00–5:00

Methods Employed in the Preparation of Animal Tissues for Histological Study (repeated). M. 2d Term. (2a) Thursday and Friday, 2:00–5:00

Mammalian Anatomy. DM. (4)
Hours to be arranged.

Spring Quarter.

Dr. Eycleshymer.

Comparative Histology. 5. DM.
Prerequisite: *Courses (2 or 2a) and (4).* K 37

Methods Employed in the Preparation of Animal Tissues for Histological Study (repeated). 2b. M. 1st Term.
Thursday and Friday, 2:00–5:00; K 37

Elements of Histology (repeated). 3a. M. 2d Term. Thursday and Friday, 2:00–5:00; K 37

XXIV. PHYSIOLOGY.

R.

Summer Quarter.

Dr. Lingle.

Physiology of Digestion, Secretion, and Metabolism. DM or DMM. (6) Lectures and Laboratory work.
Prerequisites: Courses (2) and (5).

Autumn Quarter.

Assistant Professor Loeb.

***Original Investigation in Physiology.** DMM. (1) 9:30

Advanced Physiology. DM or DMM. (2) 11:30

Physiology of the Sense Organs and the Peripheral and Central Nervous System. DM. (3) Mon., Wed., Fri., and Sat., 10:30

Winter Quarter.

Assistant Professor Loeb. (R 34 and 38)

***Original Investigation in Physiology** (continued). DMM. (1) 9:30

Advanced Physiology. DM or DMM. (2) 2:00

Physiology of Circulation, Respiration, and Animal Heat. (4) Mon., Wed., Fri., and Sat., 10:30
Prerequisite: Course (2).

Dr. Lingle. (R 36)

Physiology of Digestion, Secretion, and Metabolism. DM or DMM. (6)
Thursday. Friday, and Saturday, 2:00–5:00

General Laboratory Work. DM. (7)
Monday, Tuesday, and Wednesday, 2:00–5:00

Spring Quarter.

Assistant Professor Loeb.

***Original Investigation in Physiology** (continued). 1. DMM. 9:30; R 34

Advanced Physiology. 2. DM or DMM. 2:00; R 34

General Physiology 8. DM.
Monday, Wednesday, Thursday, Saturday, 10:30; R 34

Dr. Lingle.

General Laboratory Work in Physiology. 11. DM. Monday to Wednesday, 2:00–5:00; R 34

XXV. NEUROLOGY.

K 14 and 42.

Summer Quarter.

PROFESSOR DONALDSON.

The Development of the Central Nervous System. DM. (5) Thursday, 8:30
Prerequisite: Histology and Embryology.

* **Seminar.** DM. (6) Friday, 8:30

Autumn Quarter.

DR. MEYER. (K 42)

The Architecture of the Central Nervous System. DM. (1) Wednesday, 9:00–11:00; 3:00–5:00
Prerequisite: General Histology.

Winter Quarter.

PROFESSOR DONALDSON. (K 14 and 42)

The Growth and Physical Characters of the Brain as related to the Intelligence. M. 1st Term. (2) Thursday, 8:30
Prerequisite: General Histology.

Anatomy of the Special Sense-Organs. M. 2d Term. (3). Thursday, 8:30
Prerequisite: General Histology.

* **Seminar.** DM. (6) Friday, 8:30

Spring Quarter.

PROFESSOR DONALDSON.

Doctrine of Localization of Function in the Cerebral Cortex. 4. DM. Thursday, 8:30; K 14
Prerequisite: *Histology and Elementary Physiology.*

* **Seminar.** 6. DM. Friday, 8:30; K 42

DR. MEYER.

Twelve Lectures with Demonstrations. 7. ½ DM. Friday, 3:00–5:00; K 14 and 42
An Introduction to Comparative Anatomy of the Central Nervous System.

XXVI. PALÆONTOLOGY.

W 3d Floor.

Summer Quarter.

ASSISTANT PROFESSOR BAUR.

Palæontological Field Work. DM. (6)

Autumn Quarter.

ASSISTANT PROFESSOR BAUR.

Seminar in Phylogeny. (M) (3) 3:00

* **Research in the Osteology of Living and Extinct Vertebrates.** DMM. (5) Daily 8:30–12:30, 2:00–4:00
Prerequisites: Comparative Osteology and Phylogeny of Vertebrates.

Winter Quarter.

ASSISTANT PROFESSOR BAUR.

* **Comparative Osteology and Phylogeny of Vertebrates.** M. (2) 2 hrs. a week. 11:30
Prerequisites: Vertebrate Zoölogy, Anatomy, Embryology, Geology.

* **Seminar in Phylogeny.** M. (3) 3:00

* **Research in the Osteology of Living and Extinct Vertebrates.** DMM. (5). Daily, 8:30–12:30, 2:00–4:00
For Prerequisites see Autumn Quarter.

Laboratory Work in Comparative Osteology of Living and Extinct Vertebrates. In connection with course (2). (4) 2 hrs. a week. 2:00–4:00

Human Osteology. M. (7)
2d Term of Winter Quarter.
1st Term of Spring Quarter.
Wednesday and Friday, 8:30–9:30
Laboratory Work, Saturday, 8:30–10:30

Spring Quarter.

ASSISTANT PROFESSOR BAUR.

* **Comparative Osteology and Phylogeny of Vertebrates** (continued). 2. ½ DM. 2 hrs. a week. 11:30

* **Seminar in Phylogeny.** 3. ½ DM. 3:00

Laboratory Work in Comparative Osteology of Living and Extinct Vertebrates. 4. 2 hrs. a week. 2:00–4:00

* **Research in the Osteology of Living and Extinct Vertebrates.** 5. DMM. Daily, 8:30–12:30 2:00–4:00

Human Osteology. 7. M. 1st Term.
See Winter Quarter.

XXVII. BOTANY.

W 3d Floor.

Summer Quarter.

MR. CLARKE.

Special Laboratory Work. MM or DM. (8)

Autumn Quarter.

PROFESSOR COULTER.

Plant Morphology. Lectures. ½ DM. (1)
Saturdays, 9:30

Advanced Laboratory Work. 1½ DM. (4)
Saturdays, 10:30–12:30

MR. CLARKE.

Plant Evolution. Lectures and Class Discussions. DM. (7) 8:30
Prerequisite: Elementary Botany in College or High School. Open to the Academic Colleges.

Winter Quarter.

PROFESSOR COULTER.

Plant Anatomy. Lectures. ½ DM. (2)
Saturdays, 9:30

Advanced Laboratory Work. 1½ DM. (5)
Saturdays, 10:30–12:30

MR. CLARKE.

Plant Evolution (repeated). Lectures and Class Discussions. DM. (7) 8:30
Prerequisite: Elementary Botany in College or High School. Open to the Academic Colleges.

Spring Quarter.

PROFESSOR COULTER.

Plant Physiology. Lectures. 3. ½ DM.
Saturdays, 9:30

Advanced Laboratory Work. 6. 1½ DM.
For Graduate Students only.
Saturdays, 10:30–12:30

NOTE: During other days of the week Laboratory Work will be assigned by Professor Coulter. Courses (1, 2 or 3) and (4-6) or (1-6) must be taken together. Eight hours' laboratory work will be, with the lectures, a DM; or eighteen hours a DMM. No credit will be given for the lectures without the Laboratory Work. Primarily for Graduate Students; open also to the University Colleges.

MR. CLARKE.

Elementary Practical Botany. 9. DM.
Lectures, 2 hours, Laboratory Work, 6 hours a week. Four sessions a week, 8:30–10:30. Field excursions weekly, optional with members of the class.

XXVIII. ELOCUTION.
K Theatre.

Autumn Quarter.

MR. CLARK.

Advanced Elocution. 3 hrs. a week. M. (2).
Tuesday, Wednesday, and Friday, 11:30

Spring Quarter.

MR. CLARK.

Reading Aloud. 3 hrs. a week. 4. M.
Monday, Wednesday, and Friday, 4:00

Dramatic Reading. 5. M.
Monday, Wednesday, and Friday, 3:00

THE ACADEMIC COLLEGES.

NOTE.—The following is a list of the titles of courses to be given in the Academic Colleges from July 1, 1894, to July 1, 1895. For full description of the courses consult the ANNUAL REGISTER and the DEPARTMENTAL PROGRAMMES.

SPECIAL NOTICE FOR SPRING QUARTER.—**The number of each course** is printed in **bold-face type** following immediately upon the title of the course. The hour and place of the exercises are indicated after the course.

REGISTRATION.—Students in residence must register for the Spring Quarter on or before March 8. The registration card will be filled out in consultation with the Dean. The Dean may be consulted at his Office Hours.

Students entering the University for the first time or resuming work after an absence of a Quarter or a Term must register on or before April 1.

Registration after these dates may be secured only, **(1) by special permission granted by the Dean, and (2) after the payment of a special fee of five dollars.**

II. POLITICAL ECONOMY.

C 3–8.

Autumn Quarter.

PROFESSOR A. C. MILLER AND MR. HILL.

Principles of Political Economy. DM. (1) 8:30
Open only to students who elect 1A or 1B in the Winter Quarter.

Winter Quarter.

NOTE.—Either 1A or 1B is required of students who took Course 1 in the Autumn Quarter.

PROFESSOR A. C. MILLER. (C 3)

Advanced Political Economy. DM. (1A) 8:30

MR. CLOSSON. (C 5)

Descriptive Political Economy. DM. (1B) 8:30

III. POLITICAL SCIENCE.

C. 1, 9, 10, 12.

Summer Quarter.

MR. CONGER.

Geography of Europe. An Introduction to the History of Europe. DM. (71, repeated). 11:30

Autumn Quarter.

MR. CONGER.

Geography of Europe. An Introduction to the History of Europe. DM. (71) 8:30

Winter Quarter.

MR. CONGER. (C 9)

Geography of Europe (repeated). DM. (71) 11:30

Geography of South and Central America. DM. (73) 2:00

Spring Quarter.

MR. CONGER.

Geography of Europe (repeated). 71. DM. 11:30; C 13

IV. HISTORY.

C 5–8.

Summer Quarter.

ASSOCIATE PROFESSOR THATCHER AND MR. CONGER.

The Mediæval Period. DM. (1) 8:30

MR. CONGER.

Geography of Europe. DM. (See Political Science, Course 71).

Autumn Quarter.

ASSOCIATE PROFESSOR THATCHER.

The Mediæval Period (repeated). DM. (1)
Section A. 11:30
Section C. 9:30

MR. CONGER.

The Mediæval Period (repeated). DM. (1)
Section B. 10:30

The Modern Period. DM. (2)
Section A. 2:00

MR. CATTERALL.

The Modern Period. DM. (2)
Section B. 11:30

MR. CONGER.

Geography of Europe. DM. (See Political Science, Course 71.) 8:30

Winter Quarter.

ASSOCIATE PROFESSOR THATCHER. (C 8)

The Mediæval Period (repeated). DM. (1)
Section A. 10:30

MR. CONGER. (C 8)

The Mediæval Period. DM. (1)
Section B. 8:30

The Modern Period (repeated). DM. (2)
Section A. 9:30

Mr. Catterall. (C 7)

The Modern Period. DM. (2)
Section B. 10:30

Mr. Conger. (C 9)

Geography of Europe (repeated). DM. 11:30
(See Political Science, Course 71.)

Spring Quarter.

Associate Professor Thatcher.

The Mediæval Period (repeated). **1a.** DM. 9:30; C 8

Mr. Catterall.

The Modern Period (repeated). **2a.** DM. 10:30; C 8

Mr. Conger.

The Mediæval Period (repeated). **1b.** DM. 8:30; C 9

The Modern Period (repeated). **2b.** DM. 9:30; C 9

Geography of Europe (repeated). DM. (See Political Science, Course 71). 11:30; C 13

Note.—Courses 1 and 2 are required of all students who intend to present themselves as candidates for the Bachelor's degree. They are accordingly repeated each Quarter.

XI. THE GREEK LANGUAGE AND LITERATURE.

B 2–8.

Summer Quarter.

Mr. W. B. Owen.

Xenophon. (Memorabilia); **Plato** (Apology and Crito). DMM. (2) 8:30 and 3:00

Dr. Hussey.

Readings and Studies in the Odyssey. M. 2d Term. (10) 10:30

Mr. Heidel.

Demosthenes as an Orator and a Man. M. 2d Term. (11) 11:30

Autumn Quarter.

Professor Tarbell.

Two Plays of Euripides. DM. (5) 9:30

Assistant Professor Castle.

Xenophon (Memorabilia); **Plato** (Apology and Crito). DM. (2) 9:30

Mr. W. B. Owen.

Homer (Selections from the Odyssey). DM. (3) 10:30

Homer (Iliad, Books I–III). **Review of Greek Grammar.**
Intended for students entering with Greek (1) and (2) only. This course will not be counted as one of the three required Majors in Greek. DM. (1) 9:30

Winter Quarter.

Professor Shorey (with Mr. Owen). (B 2)

Homer (Iliad). DM. (18) 11:30

Assistant Professor Castle. (B 7)

Xenophon (Memorabilia); **Plato** (Apology of Socrates). DM. (2) 10:30

Mr. W. B. Owen. (B 2)

Homer (Iliad, Books I–III). **Review of Greek Grammar.** DM. (1) 8:30
Intended for students entering with Greek (1) and (2) only. This course will not be counted as one of the three required Majors in Greek.

Spring Quarter.

Mr. Owen.

Lysias (Selected Orations) and **Isocrates** (Panegyricus). **4.** DM. 9:30; B 2
Not open to students who take Course 2.

Herodotus (selections). **17.** DM. 8:30; B 2

XII. THE LATIN LANGUAGE AND LITERATURE.

B 2–8.

Summer Quarter.

Mr. C. H. Moore.

Livy; the Writing of Latin. M. Second Term. (6) 9:30

Horace (Odes). M. Second Term. (7) 10:30

Mr. Walker.

Cicero (de Senectute); **the Writing of Latin.** M. First Term. (4) 9:30

Terence. M. First Term. (5) 10:30

Autumn Quarter.

Assistant Professor Miller.

Terence (Phormio); **Tacitus** (Germania and Agricola); **the Writing of Latin.** DM. (5a) 9:30

Horace (Odes); **Wilkins' Primer of Roman Literature.** DM. (6a) 10:30

Mr. C. H. Moore.

Cicero (de Senectute); **Livy** (Books I and II); **the Writing of Latin.** Section 1. DM. (4a) 8:30

MR. WALKER.

Cicero (de Senectute); **Livy** (Books I and II); **the Writing of Latin.** Section 2. DM. (4b) 9:30

Cicero (Orations). DM. (1) 8:30

Winter Quarter.

ASSISTANT PROFESSOR MILLER.

Cicero (de Senectute); **Livy** (Books I and II); **the Writing of Latin.** Section 1. DM. (4c) 9:30; B 6.

Horace (Odes); **Wilkins' Primer of Roman Literature.** DM. (6b) 10:30
Prerequisite: Courses 4 and 5.

MR. C. H. MOORE.

Cicero (de Senectute); **Livy** (Books I and II); **the Writing of Latin.** Section 2. DM. (4d) 8:30

Terence (Phormio); **Tacitus** (Germania and Agricola); **the Writing of Latin.** Section 1. DM. (5b) 9:30
Prerequisite: Course 4.

MR. WALKER. (B 7 and 8)

Terence (Phormio); **Tacitus** (Germania and Agricola); **the Writing of Latin.** Section 2. DM. (5c) 10:30
Prerequisite: Course 4.

Virgil (Æneid). DM. (2) 8:30
Prerequisite: Course 1.
Open only to students in the course in Science.

MR. GORDIS. (B 8)

Cicero (Letters). (Academic College elective course.) DM. (7) 10:30

Open to students who have completed the required three majors in Latin.

Courses 1, 2, and 3 (which are to be taken in this order) are open only to students in the course in Science, and are required of them.

Courses 4, 5, and 6 (which are to be taken in this order) are required of students in the courses in Arts and Letters.

The elective Courses 7 and 8 are open to students who have completed Courses 4, 5, and 6.

Spring Quarter.

PROFESSOR CHANDLER.

Cicero (the Tusculan Disputations). (Academic College elective course.) 8. DM. 9:30; B 5
Open to students who have completed the required three majors in Latin.

ASSISTANT PROFESSOR MILLER.

Terence (Phormio); **Tacitus** (Germania and Agricola); **the Writing of Latin.** Section 1. 5d. DM. 10:30; B 6
Prerequisite: *Course 4.*

MR. C. H. MOORE.

Cicero (de Senectute); **Livy** (Books I and II); **the Writing of Latin.** 4e. DM. 8:30; B 8

Terence (Phormio); **Tacitus** (Germania and Agricola); **the Writing of Latin.** Section 2. 5e. DM. 9:30; B 8
Prerequisite: *Course 4.*

Horace (Odes); **Wilkins' Primer of Roman Literature.** Section 1. 6c. DM. 10:30; B 8
Prerequisite: *Course 5.*

MR. WALKER.

Horace (Odes); **Wilkins' Primer of Roman Literature.** Section 2. 6d. DM. 9:30; B 7
Prerequisite: *Course 5.*

Selections from Ovid, Horace, Catullus, and Cicero's Letters. 3. DM. 8:30; B 7
Prerequisite: *Courses 1 and 2.*
Open to students in the course of Science.

XIII. ROMANCE LITERATURE AND PHILOLOGY.

B 12–16.

Summer Quarter.

MR. HOWLAND.

French. Chardenal's Grammar and Knapp's Readings. DM. 8:30

Autumn Quarter.

ASSISTANT PROFESSOR BERGERON.

Elementary French. DM. (1) 11:30

MR. HOWLAND.

Elementary French. DM. (1) 10:30

MISS WALLACE.

Elementary Spanish. DM. (23) 10:30

Winter Quarter.

ASSISTANT PROFESSOR BERGERON.

Elementary French (continued). DM. (2) 11:30

MR. HOWLAND. (B 12)

Elementary French (continued). DM. (2) 10:30

Elementary Spanish (continued). Selections from modern dramatists and novelists. DM. (24) 9:30

Dr. de Poyen-Bellisle. (B 15)

Elementary French. DM. (1) 11:30

Spring Quarter.

Assistant Professor Bergeron.

Elementary French (continued). 3. DM. 11:30; B 16

Prerequisite: *French, Course 2.*

Elementary French (beginning). 1. DM. 9:30; B 16

Dr. de Poyen-Bellisle.

Elementary French (continued). 2. DM. 11:30; B 12

Prerequisite: *French, Course 1.*

XIV. THE GERMANIC LANGUAGES AND LITERATURES.

B 9–11.

Summer Quarter.

Associate Professor Cutting.

German Lyrics. DM. (33) 10:30

For students who have passed the entrance examination in German (2).

Dr. von Klenze.

Elementary Course. DMM. (29) 8:30 and 11:30

Required of all Academic College students who entered without German.

Mr. Mulfinger.

Modern Prose. DM. (31) 2:00

For students who have passed the entrance examination in German (1).

Autumn Quarter.

Associate Professor Cutting.

Elementary Course. DMM. (29) 8:30 and 3:00

For students who enter without German.

Assistant Professor Schmidt-Wartenberg.

Modern Prose. DM. (31) 8:30

For students who have passed the entrance examination in German (1).

Mr. Wood.

Intermediate Course. DM. (30) 9:30

Prerequisite: Course (29) or its equivalent.

Winter Quarter.

Associate Professor Cutting. (B 9)

Early Nineteenth Century Prose. DM. (34) 8:30

For students who have passed the entrance examination in German (1) and (2).

Prerequisite: Course (31) or its equivalent.

Mr. Mulfinger. (B 10)

Elementary Course. DMM. (29) 8:30 and 3:00

For students who enter without German.

Intermediate Course. DM. (30) 11:30

Prerequisite: Course (29) or its equivalent.

Spring Quarter.

Assistant Professor Schmidt-Wartenberg.

Elementary Course. 29. DMM. 8:30 and 3:00; B 10

For students who enter without German.

Dr. von Klenze.

Modern Historical Prose. Substitute for course 35. DM. 10:30; B 9

For students who have passed the entrance examination in German 1 and 2.

Mr. Wood.

Intermediate Course. 30. DM. 8:30; B 9

Prerequisite: Course (29) or its equivalent.

XV. THE ENGLISH LANGUAGE AND LITERATURE, AND RHETORIC.

D 8–10.

Summer Quarter.

Professor L. A. Sherman.

Studies in the Interpretation of Shakespeare. DM. (1)

Mr. Herrick.

Rhetoric and English Composition. DM. (1)

Required of all students in the Academic Colleges. Course (1) must be taken immediately after entrance.

(1A) Class-room instruction, short themes, and exercises for one Quarter. 2:00.

Daily Themes. DM. (7)

Mr. Lovett.

English Literature. A course in the study of Masterpieces: Shakespeare, Milton, Addison, Swift, Scott, Browning, Tennyson. 2 MM. First and Second Terms. (10)

Autumn Quarter.

Assistant Professor Tolman and Miss Reynolds.

English Literature. DM. (10)

Prerequisite: Course (1 A).

Required of all Academic College students.

Section a, 10:30

Section b, 2:00

MESSRS. HERRICK, LOVETT, AND LEWIS.

Rhetoric and English Composition. DM. (1)

Required of all students in the Academic Colleges. Course (1) must be taken immediately after entrance.

(1A) Class-room instruction, short themes, and exercises for one Quarter.

Section a, 10:30
Section b, 11:30
Section c, 2:00

(1C) Twelve papers of a minimum length of 400 words are required of each student during the last three Quarters of his course in the Academic Colleges. Consultation Wednesdays, 1:30.

Material for such papers should be obtained from the student's work in other departments. Lectures in English Composition, at which attendance is voluntary, will be given at intervals. Consultation with the instructors is required. [Students who elect Course 2 are excused from Course 1C.]

MR. LOVETT.

English Composition. DM. (2) 8:30

Prerequisite: Course (1A) and (1B).

[Students who elect Course 2 are excused from 1C.]

Winter Quarter.

ASSOCIATE PROFESSOR MCCLINTOCK.

Shakespeare; the Interpretation of Representative Plays. DM. (42A) 10:30

Prerequisite: Course (10).

ASSISTANT PROFESSOR BLACKBURN.

History of the English Language. DM. (55) 2:00

Prerequisite: Course (10).

ASSISTANT PROFESSOR TOLMAN AND MISS REYNOLDS.

English Literature. DM. (10, repeated).

Section a. 8:30
Section b. 9:30

Required of all Academic College students.

Prerequisite: Course (1A).

MESSRS. HERRICK, LOVETT, AND LEWIS.

Rhetoric and English Composition. DM. (1)

Required of all students of the Academic Colleges. Course (1) must be taken immediately after entrance.

(1A) Class-room instruction, short themes and exercises for one Quarter. 3:00

(1B) Themes to follow (1A) for two Quarters. Attendance at consultation hours required:

Tuesdays, 1:30

(1C) Twelve papers of a minimum length of 400 words are required of each student during the last three Quarters of his course in the Academic Colleges.

Material for such papers should be obtained from the student's work in other departments. Lectures in English Composition, at which attendance is voluntary, will be given at intervals. Consultation with the instructors is required. Thursdays, 1:30. [Students who elect Course 2 are excused from Course 1C.]

Spring Quarter.

ASSISTANT PROFESSOR TOLMAN.

English Literature (repeated). 10. DM. 10:30; D 8

Required of all Academic College students.

Prerequisite: *Course (1A).*

MESSRS. HERRICK, LOVETT, AND LEWIS.

Rhetoric and English Composition. 1. DM.

Required of all students of the Academic Colleges. Course (1) must be taken immediately after entrance.

(1A) Class-room instruction, short themes, and exercises for one Quarter. 2:00; D 8

(1B) continued. Themes to follow (1A) for two Quarters. Attendance at consultation hours required. Tuesdays, 1:30.

(1C) Twelve papers of a minimum length of 400 words are required of each student during the last three Quarters of his course in the Academic Colleges.

Material for such papers should be obtained from the student's work in other departments. Lectures in English Composition, at which attendance is voluntary, will be given at intervals. Consultation with the instructors is required. Thursdays, 1:30. [Students who elect Course 2 are excused from Course 1C.]

MR. LEWIS.

English Composition (repeated). 2. DM. 8:30; D 1

Prerequisite: *Courses (1A) and (1B).*

[Students who elect Course 2 are excused from Course 1C.]

XVI. BIBLICAL LITERATURE IN ENGLISH.

A. Old Testament.

Autumn Quarter.

Dr. Kent.

Outline of Hebrew History. DM. (A29) 11:30

Winter Quarter.

Dr. Kent. (D 16)

The Minor Prophets of the Assyrian Period. M. 1st Term. (18) 2:00

Isaiah I-XXXIX. M. 2d Term. (12) 2:00

Spring Quarter.

Associate Professor Price.

The Book of Jeremiah. 37b. M. 2d Term. 2:00; D 11

Associate Professor Harper.

Mesopotamian Geography. 53. M. 2d Term. 2:00; D 13

Mesopotamian Life. 54. M. 1st Term. 2:00; D 13

B. New Testament.

Summer Quarter.

Associate Professor Mathews.

The Second Group of the Epistles of the Apostle Paul. M. 2d Term. (B 15) 8:30

Mr. Votaw.

The Gospel of John. M. 1st Term. (B 10) 9:30

Autumn Quarter.

Mr. Votaw.

The Founding of the Christian Church. DM. (B 4) 11:30

Winter Quarter.

Associate Professor Mathews. (D 15)

The Gospel of Matthew. DM. (B 7) 9:30

XVII. MATHEMATICS.

R 35–40 and C

Summer Quarter.

Mr. Slaught.

Plane Trigonometry. 1st Term. M. (3) 7:30

Mr. Smith.

Plane Analytic Geometry. Advanced course. DM. (6) 8:30

Mr. Hutchinson.

Differential and Integral Calculus. First Course. 1st Term. M. (6A) 1:45

Autumn Quarter.

Required Mathematics.

Two consecutive double minors of mathematics are required of every student in the first year of residence. The subjects are, in order: *Plane trigonometry, the elements of the analytic geometry of the conic sections, and the elementary theory of finite and infinite algebraic and trigonometric series.*

This course will be given in 1894–95 in seven sections: Course 1, sections 1*a*, 1*b*, 1*c*, 1*d*, during the Autumn and Winter Quarters; Course 2, sections 2*a*, 2*b*, 2*c*, during the Winter and Spring Quarters.

Students wishing to study Chemistry or Physics or to elect *Culture Calculus* (Course 5) should enter section 1*a*, 1*b*, 1*c*, or 1*d*.

If students are allowed to matriculate with entrance conditions in mathematics, they are expected to remove these conditions at the next regular entrance examination, and, until this has been done, they may not take the required college mathematics.

The classes in Required Mathematics meet in *Cobb Lecture Hall*, in rooms advertised from quarter to quarter on the general bulletin boards in *Cobb Lecture Hall* and on the departmental bulletin board in R 37.

Academic College Electives in Mathematics.

Courses (5), *Culture Calculus* (Double Minor, Spring Quarter) and (4) *Analytics and Calculus* (three consecutive Double Minors). Students intending to specialize in Mathematics, in Astronomy, or in Physics should arrange their work so as to take *Analytics and Calculus* in their second year of residence.

Dr. Boyd.

Analytics and Calculus. DM. (4)

Academic College Elective. To be continued through three quarters. First quarter: Casey's *Treatise on Conic Sections.* With fortnightly *Colloquium.*

Section 4*a*. 11:30
Section 4*b*. 10:30

Required Mathematics. Section 1*a*; first quarter. DM. (1*a*) 8:30

Dr. Hancock.

Required Mathematics. Section 1*b*; first quarter. DM. (1*b*) 9:30

Required Mathematics. Section 1*c*; first quarter. DM. (1*c*) 10:30

Mr. Dickson.

Required Mathematics. Section 1*d*; first quarter. (1*d*) 11:30

Winter Quarter.

Dr. Boyd.

Analytics and Calculus. *Academic College Elective.* To be continued through three quarters. Second

quarter: Todhunter's *Differential and Integral Calculus.* With fortnightly *Colloquium.* DM. (4)

Section 4*a*. 11:30
Section 4*b*. 10:30

Required Mathematics. Section 1*a*; second quarter. DM. (1*a*) 8:30

Dr. Hancock.

Required Mathematics. Section 1*b*; second quarter. DM. (1*b*) 9:30

Required Mathematics. Section 1*c*; second quarter. DM. (1*c*) 10:30

Mr. Smith.

Required Mathematics. Section 1*d*; second quarter. DM. (1*d*) 11:30

Mr. Gillespie.

Required Mathematics. Section 2*a*; first quarter. DM. (2*a*) 8:30

Mr. Slaught.

Required Mathematics. Section 2*b*; first quarter. DM. (2*b*) 11:30

Mr. Brown.

Required Mathematics. Section 2*c*; first quarter. DM. (2*c*) 2:00

Spring Quarter.

Dr. Young.

Culture Calculus: Introduction to the Differential and Integral Calculus. This *Academic College Elective* is general and summary, and is intended to give to those who do not wish to study Mathematics further an idea of this important instrument of mathematical thought. 5. DM. 9:30; D 15

Prerequisite: *Required Mathematics.*

Dr. Boyd.

Analytics and Calculus. *Academic College Elective.* To be continued through three quarters. Third quarter: Todhunter's *Differential and Integral Calculus.* With fortnightly *Colloquium.* 4. DM. R 36

Section 4*a*. 11:30
Section 4*b*. 10:30

Dr. Hancock.

Required Mathematics. Section 2*a*; second quarter. 2a. DM. 8:30; C 13

Required Mathematics. Section 2*b*; second quarter. 2b. DM. 9:30; B 9

Mr. Rothrock.

Required Mathematics. Section 2*c*; second quarter. 2c. DM. 11:30; B 10

XIX. PHYSICS.

R.

Summer Quarter.

Associate Professor Stratton.

General Physics. 5 hrs. a week. DM. (5) 8:30
Prerequisite: Plane Trigonometry.

Mr. Hobbs.

Laboratory Practice. 10 hrs. a week. DM. 2:00
Prerequisite: First Quarter of (5).

Winter Quarter.

Associate Professor Stratton.

General Physics. DM. (5)
Lectures, Tuesday–Saturday, 9:30
Prerequisite: Plane Trigonometry.

Assistant Professor Wadsworth.

Laboratory Practice. (General). DM. (6)
Tuesday–Saturday, 10:30–12:30
Prerequisite: First Quarter of (5)

Spring Quarter.

Associate Professor Stratton.

General Physics. 5. DM.
Tuesday–Saturday, 8:30; R 32
Prerequisite: *Plane Trigonometry.*

Assistant Professor Wadsworth.

Laboratory Practice. (General). 6. DM.
10:30–12:30; R 41
Prerequisite: *First Quarter of* (5).

XX. CHEMISTRY.

K.

Laboratory Fees, see (Ogden) Graduate School.

Summer Quarter.

Dr. Stieglitz.

General Inorganic Chemistry. DMM. (2) Monday–Thursday at 11:30. Laboratory work Monday, Tuesday, and Wednesday, 2:00–5:00.
Prerequisite: Academic College course in Physics, including laboratory work.

Autumn Quarter.

Assistant Professor Smith.

General Inorganic Chemistry. Introductory course. DM. (1) First Term, Monday, Tuesday, Wednesday, Thursday, and Friday, 11:30. Second Term, Monday, Tuesday, and Wednes-

day, 11:30; Laboratory, Monday and Tuesday, 2:00–5:00.
Prerequisite: See Course 2, Summer Quarter.
A continuous course through three quarters.

General Chemistry. Chiefly laboratory work. M. (3) Second Term.
Monday and Tuesday, 2:00–5:00

Winter Quarter.

Assistant Professor Smith.

General Inorganic Chemistry. Introductory course. DM. (1 continued) Monday, Tuesday, and Wednesday, at 11:30, and Laboratory, Monday and Tuesday, 2:00–5:00.
Prerequisite: Course 1 in First Quarter.

General Chemistry. Chiefly laboratory work. DM. (3)

Spring Quarter Revised.

Assistant Professor Smith.

General Inorganic Chemistry. Introductory course. I (concluded). DM. 11:30 and 2:00–5:00; K 20
Prerequisite: *Course 1 in First and Second Quarters.*

General Chemistry. Chiefly laboratory work. 3. DM. Monday and Tuesday, 2:00–5 00

XXI. GEOLOGY.

W 2d floor.

Autumn Quarter.

Professor Salisbury.

Physiography. DM. (1) 9:30

Winter Quarter.

Mr. Kümmel.

Physiography. DM. (1, repeated). 9:30

XXII. ZOÖLOGY.

K.

Laboratory Fees, see Ogden (Graduate) School.

Summer Quarter.

Dr. Jordan.

General Biology. DM. (19) 9:30
Prerequisites: Elementary Chemistry and Physics.

Autumn Quarter.

Dr. Jordan.

General Biology. DM. (13) 9:30
Prerequisites: Elementary Chemistry and Physics.
Laboratory work, 2:00–5:00.

Winter Quarter.

Dr. Jordan. (K 14)

General Biology (continued). DM. (15) 9:30
Prerequisites: Elementary Chemistry and Physics.
Laboratory work, 2:00–5:00.

XXIV. PHYSIOLOGY.

R 34.

Summer Quarter.

Dr. Lingle.

Introductory Physiology. DM. (5)

Autumn Quarter.

Dr. Lingle.

Introductory Physiology (repeated). DM. (5) 2:00

XXVI. PALÆONTOLOGY.

W 3d floor.

Autumn Quarter.

Assistant Professor Baur.

Outlines of Vertebrate Zoölogy and Palæontology. M. 2 hrs. a week. (1) 11:30
Prerequisite: Elementary Zoölogy.

XXVII. BOTANY.

W 3d floor.

Summer Quarter.

Mr. Clarke.

Elementary Practical Botany. DM, MM, or DMM. (7)

Spring Quarter.

Mr. Clarke.

Elementary Practical Botany (repeated). 9. DM. Lectures 2 hours, Laboratory 6 hours a week.
Four sessions a week, 8:30–10:30
Field excursions weekly, optional with members of the class. Open to the University Colleges.

XXVIII. ELOCUTION.

K Theatre.

Autumn Quarter.

Mr. Clark.

Theory and Practice. One hour a week during the year. 6 sections. Required of students in 2d year of Academic College. (1)
Monday and Saturday, 8:30, 9:30, and 10:30

Advanced Elocution. 3 hrs. a week. M. (2) Open to the University Colleges and to students who have completed elsewhere work equivalent to Course 1.
Tuesday, Wednesday, and Friday 11:30

Winter Quarter.

Mr. Clark.

Theory and Practice (continued). 6 sections. One hour a week. (1)
Monday and Saturday, 8:30, 9:30, 10:30.
A new section will be formed meeting at 11:30 Monday, for those who have not yet begun Course 1.
See Autumn Quarter.

Original Oratoric Composition and Extemporaneous Speech. M. 1st Term. (3) 11:30
Prerequisites: 1 and 2.

Spring Quarter.

Mr. Clark.

Theory and Practice (continued). 6 sections. One hour a week. 1.
See Autumn Quarter.

Reading Aloud. 3 hours a week. 4. M.
Monday, Wednesday, and Friday 4:00

Dramatic Reading. 5. M.
Monday, Wednesday, and Friday 3:00

XXIX. PHYSICAL CULTURE.

Class Work in Physical Culture is required of all undergraduate students not excused on account of physical disability, during four half-hours a week. Six Quarters' work in Physical Culture is required of Academic College students and four Quarters of University College students. Students taking an excessive number of cuts will not be allowed to continue their University work until they shall conform to the requirements. Students are given choice of hour and course. Courses are offered in prescriptive work, general class drills, and athletic training. Each course is so arranged that those who take part in it receive work which tends to symmetrical development.

Students will select their period for class work from the following: Men — 8:45, 9:45, 10:45, 11:45 A.M.; 5:15 P.M. Women—9:45 A.M., 11:45 A.M., 2:15 and 3:15 P.M. Training for any of the University Athletic Teams will be accepted as an equivalent for gymnasium work.

A period lasts one-half hour and comes on Tuesday, Wednesday, Thursday, and Friday of each week. Bulletins containing appointments for physical examination and departmental communications will be posted.

ANNOUNCEMENT OF COURSES OFFERED BY THE FACULTY OF THE DIVINITY SCHOOL.

JULY 1, 1894, TO JULY 1, 1895.

NOTE.—The following is a list of the titles of courses to be given in the Divinity School from July 1, 1894, to July 1, 1895.

For a complete description of the courses consult the ANNUAL REGISTER, the DIVINITY SCHOOL CIRCULAR OF INFORMATION and the DEPARTMENT PROGRAMMES.

SPECIAL NOTICE FOR THE SPRING QUARTER.—The **number of each Course** in the REGISTER is printed in **bold-face type** following immediately upon the title of the Course.

The hour and place of the exercises are indicated after the course.

ABBREVIATIONS.—A, B, C, D, refer to the floors in Cobb Lecture Hall, beginning with the ground floor as A. The rooms are numbered.

The abbreviations used in the description of the courses are: M-Minor, DM-Double Minor, MM-Major, DMM-Double Major

REGISTRATION.—Students in residence must register for the Spring Quarter on or before March 8; the registration card may be obtained from the Dean. The student will, (1) write upon the card the title and number of the courses which he desires to take; (2) secure the signatures of the instructors giving these courses together with the endorsement of the head or acting head of the department in which his principal work is done; (3) deposit the same in the office of the Dean, and (4) receive from the Dean a class-ticket.

Students entering the University for the first time or resuming work after an absence of a Quarter or a Term must register on or before April 1.

Registration after these dates may be secured only (1) by special permission granted by the Dean, and (2) after the payment of a special fee of five dollars.

THE GRADUATE DIVINITY SCHOOL.

XLI. OLD TESTAMENT LITERATURE AND INTERPRETATION.

D. 12-16.

Departments XLI and VIII are identical. The courses offered in XLI are the same as those in VIII.

Summer Quarter.

HEAD PROFESSOR HARPER.

Book of Hosea. DM. (24) 7:30

The Arabic Language. The Earlier Suras. M. 1st Term. (86) 10:30

Advanced Hebrew Grammar. M. 2d Term. (94) 9:30

PROFESSOR BURNHAM.

Advanced Hebrew Grammar—Syntax. M. 1st Term. (95) 9:30

The Psalter. M. 1st Term. (22a) 10:30

HEAD PROFESSOR HARPER AND DR. CRANDALL.

Hebrew Language. MM. 2d Term. (3) 8:30

ASSOCIATE PROFESSOR PRICE.

Hebrew Language. MM. 1st Term. (2) 8:30 and 11:30

Deuteronomy, and Hebrew Syntax. M. 1st Term. (9) 9:30

ASSOCIATE PROFESSOR GOODSPEED.

Relations of Hebrew, Assyrian, and Egyptian History. DM. (36) 3:00

ASSOCIATE PROFESSOR HARPER.

Early Assyrian Historical Inscriptions. M. 1st Term. (73) 9:30

Assyrian Language. M. 1st Term. (71) 10:30

Assyrian Language. MM. 2d Term. 2:00-4:00

The Book of Proverbs. M. 2d Term. (27) 9:30

Micah. M. 1st Term. (21) 10:30

DR. CRANDALL.

Historical Hebrew. M. 2d Term. (5) 9:30

Autumn Quarter.

HEAD PROFESSOR HARPER.

Books of Joel, Amos, Obadiah, and Jonah. DM. (42) 7:30

Earlier Suras of the Kuran. DM. (87) 8:30

Semitic Seminar. DM. (102) Wednesday, 2:00-4:00

PROFESSOR HIRSCH.

General Introduction to Rabbinical Literature. M. 1st Term. (55) 2:00

Mishnah. M. 2d Term. (56) 2:00

Associate Professor Price.

Special Introduction to Prophetic Books. DM. (38) Tuesday and Thursday 2:00–4:00

The Book of Kings (Sight reading). Mondays and Wednesdays 2:00–4:00

Associate Professor Goodspeed.

Beginnings of Hebrew History. DM. (30) 2:00

History of Antiquity to the Persian Empire. DM. (34) 4:00

Earliest Historical Religions. DM. (49) 3:00

Associate Professor Harper.

Beginners' Syriac. DM. (68) 2:00

Assyrian Language. DM. (72) 3:00

Later Historical Inscriptions. DM. (74) 4:00

Dr. Crandall.

Books of Chronicles. 11:30

Dr. Kent.

Outline of Hebrew History. DM. (29) 11:30

Winter Quarter.

Head Professor Harper. (D 15)

Early Old Testament Traditions. DM. (47) 7:30

Arabic History, Geography, and Commentary. DM. (91) 8:30

Semitic Seminar. DM. (102) Wednesday, 2:00–4:00

Professor Hirsch. (D 13)

Talmud. M. 1st Term. (57) 2:00

Selected Readings from Arabic Authors, using Dieterici's *Abhandlungen der Ichwān es Safā* (Leipzig, 1884–86).

Associate Professor Price. (D 15)

Special Introduction to Hebrew Poetry and Poetical Books. M. 1st Term. (41) 2:00

Messianic Prophecy. DM. (40) 3:00

Biblical Aramaic. M. 2d Term. (66) 2:00

Hebrew Lexicography. (Seminar.) DM. (96) Time to be arranged

Associate Professor Goodspeed. (D 16)

History of the Hebrew Monarchy. DM. (32) 2:00

History of the Hebrew Religion. DM. (50) 3:00

Associate Professor Harper. (D 13)

Advanced Syriac. DM. (69) 9:30

Selected Assyrian Historical Inscriptions. DM. (75) 10:30

Dr. Crandall. (D 16)

Deuteronomy (Sight reading). 1st Term. ½M. (8) 8:30

Jeremiah (Sight reading). 2d Term. ½M. (14) 8:30

Spring Quarter.

Head Professor Harper.

Old Testament Institutions and Laws. 48. DM. 7:30; D 15

Semitic Seminar. 102. DM. Saturday, 7:30–9:30; D 15

Head Professor Harper and Dr. Crandall.

Beginning Hebrew. 1. MM. 1st Term. 8:30 and 2:00; D 15

Books of Samuel. 4. MM. 2d Term. 8:30 and 2:00; D 15

Professor Hirsch.

Targum. 1st Term. 67. M. 9:30; D 13

Talmud (Jerusalemic). 59. DM. 10:30; D 13

Arabic: Thousand and One Nights. 90. DM. 10:30; D 13

Associate Professor Price.

The Psalter. 26. DM. 3:00; D 15

History, Principles, and Methods of Old Testament Interpretation. (Seminar.) 46. DM. 4:00: D 15

Jeremiah (in English). 37b. M. 2d Term. 2:00; D 11

Associate Professor Goodspeed.

Exilic and Post-Exilic History of Israel. 33. DM. 2:00; D 16

Islam. 92. DM. 3:00; D 16

Associate Professor Harper.

Mesopotamian Life. 54. M. 1st Term. 2:00; D 13

Mesopotamian Geography. 53. M. 2d Term. 2:00; D 13

Assyrian Letters. 78. DM. 3:00; D 13

Selected Assyrian Historical Inscriptions. 75b. DM, 4:00; D 13

Dr. Kent.

Books of Kings. 6. M. 1st Term. 10:30; D 16

Isaiah i-xxxix. 11. M. 2d Term. 10:30; D 16

Mr. Breasted.

Elementary Egyptian. 106. DM. 11:30; D 15

History of Egypt. 118. DM. 10:30; D 15

XLII. NEW TESTAMENT LITERATURE AND INTERPRETATION.

D 12.

The Departments XLII and IX are identical. The courses offered in XLII are the same as those in IX.

Summer Quarter.

ASSOCIATE PROFESSOR MATHEWS.

The Epistle to the Galatians. M. 2d Term. (31) 9:30

DR. ARNOLT.

New Testament Syntax: Noun, Pronoun, and Prepositions. M. 2d Term. (3) 7:30

Paul's Epistles to the Thessalonians. M. 2d Term. (30) 8:30

New Testament Quotations from the Old Testament. Part II. The Epistles. M. 1st Term. (41) 7:30
Prerequisites: Courses 1 (or 2), 25 (or 27) and a knowledge of Hebrew.

Autumn Quarter.

HEAD PROFESSOR BURTON.

†Life of Paul and Introduction to Pauline Epistles. DM. (20) 9:30
Prerequisite: Course 1 or 2.

ASSOCIATE PROFESSOR MATHEWS.

†History of New Testament Times in Palestine. DM. (10) 9:30–11:30

DR. ARNOLT.

Josephus. M. 1st Term. (49) 8:30

Winter Quarter.

HEAD PROFESSOR BURTON. (D 15)

†New Testament Greek. DM. (1) 11:30

Epistle to the Romans. DM. (33) 10:30
Prerequisites: Courses 1 (or 2), 25 (or 27), and 20.

Epistle to the Galatians. M. 2d Term. (31).

ASSOCIATE PROFESSOR MATHEWS. (D 15)

†Gospel of Luke: a Study in Historical Criticism and Interpretation. A Seminar. DM. (27) 4:00

Historical Study of the Life of Christ. DM. (12)
See also under XLIII.

DR. ARNOLT. (D 16)

Septuagint. Rapid reading of selected portions. DM. (44) 8:30

Textual Criticism of the New Testament. DM. (8) 9:30

Spring Quarter.

HEAD PROFESSOR BURTON.

Introduction to the Synoptic Gospels. 18. DM.
See also under XLIII. 3:00; D 11

ASSOCIATE PROFESSOR MATHEWS.

The Formation of the New Testament Canon and its History in the Ante-Nicene Period. 57. DM. 10:30; D 2

DR. ARNOLT.

Christian Literature to Eusebius. 55. DM. 8:30; D 16

Introduction to the Epistle to the Hebrews, the General Epistles, and the Revelation. 21. DM. 9:30; D 16

MR. VOTAW.

†Rapid Translation and Interpretation of Paul's Epistles. 4. DM. 11:30: D 16

†Students in the Graduate Divinity School are required to take Courses 1 (or 2) and 10 in the first year, and in addition one of the following: 4, 20, 27, 13 (History of the Apostolic Church, Professor Mathews), and 25 (Gospel of Matthew, Head Professor Burton) within the first two years.

XLIII. BIBLICAL THEOLOGY.

D 11–16.

A. OLD TESTAMENT.

Autumn Quarter.

HEAD PROFESSOR HARPER.

The Minor Prophets. DM. (A. 24) 7:30

ASSOCIATE PROFESSOR PRICE. (D 15)

Special Introduction to the Prophetic Books. DM. (A. 38) 3:00

Winter Quarter.

HEAD PROFESSOR HARPER. (D 15)

Form and Contents of Early Old Testament Traditions. DM. (A. 47) 7:30

ASSOCIATE PROFESSOR PRICE.

Messianic Prophecy. DM. (A. 40) 3:00

Spring Quarter.

HEAD PROFESSOR HARPER.

Old Testament Institutions and Laws. A. 48. DM. 7:30; D 15

B. New Testament.

Autumn Quarter.

Head Professor Burton.

Theology of the Synoptic Gospels. A Seminar. DM. (B. 1) 10:30
Prerequisites: XLII. 1 or 2; and 25 or 27.

Spring Quarter.

Head Professor Burton.

Theology of the Epistle to the Romans. A Seminar. B. 6. DM. 4:00; D 11
Prerequisite: *XLII. 33.*

Associate Professor Mathews.

Sociological Ideas of the Gospels Exegetically Investigated. B. 3. DMM. 11:30 and 2:00; D 2
Prerequisite: *XLII. 1 or 2; and 25 or 27.*

XLIV. SYSTEMATIC THEOLOGY.

D 2–7.

Winter Quarter.

Head Professor Northrup. (D 2)

Soteriology. DM. (4) 11:30
Prerequisites: Theology Proper and Anthropology.
Required of students who have been two years in the School.

Seminar in Christology. DMM. (8*a*)
Tuesdays and Thursdays, 3:00–5:00

Spring Quarter.

Head Professor Northrup.

Seminar in Christology. 8b. DMM.
Tuesdays and Thursdays, 3:00–5:00; D 2

Associate Professor Foster.

Apologetics. 1. DM. 9:30; D 2
Required of First Year Students.

XLV. CHURCH HISTORY.

D 2–7.

Autumn Quarter.

Head Professor Hulbert.

The Early Church from Constantine to Theodosius. DM. (2) 8:30

The Pilgrim Fathers and Plymouth Colony. DM. (32) 9:30

Associate Professor Johnson.

Prior to Constantine, A.D. 30–311. DM. (1) 10:30

Assistant Professor Moncrief.

Preparation in England and Bohemia for the Reformation. DM. (9) 10:30

The French Reformation. DM. (15) 11:30

Winter Quarter

Head Professor Hulbert. (D 6)

The Puritan Fathers and the New England Theocracy. DM. (33) 9:30

Associate Professor Johnson. (D 11)

The German Reformation. DM. (11) 11:30

Assistant Professor Moncrief. (D 6)

Forerunners of the Reformation in Italy. DM. (10) 10:30

Spring Quarter.

Head Professor Hulbert.

The Struggle for Religious Liberty in Virginia. 34. M. 1st Term. 9:30; D 6

Associate Professor Johnson.

The Swiss Reformation. 13. DM. 10:30; D 11

Assistant Professor Moncrief.

History of the Church from Charles the Great to Boniface VIII. 4. DM. 10:30; D 6

XLVI. HOMILETICS, CHURCH POLITY, AND PASTORAL DUTIES.

D. 2–7.

Autumn Quarter.

Head Professor Anderson.

Plans and Sermons. M. (1) 2:00

Homiletics. DM. (2) 3:00

Associate Professor Henderson.

Pastoral Duties. M. 2d Term. (5) 3:00

Winter Quarter.

Head Professor Anderson. (D 7)

Plans and Sermons. M. (1) 2:00
Required as a weekly exercise of all students in the Graduate Divinity School.

History of Preaching. DM. (3) 3:00

Church Polity. M. 1st Term. (4) 4:00

Spring Quarter.

Head Professor Anderson.

Masterpieces of Pulpit Eloquence. 6. DM. 3:00; D 7

VI. SOCIOLOGY.

C 11.

Autumn Quarter.

ASSOCIATE PROFESSOR HENDERSON.

Organizations for Promoting Social Welfare. DM. Seminar. (14) Tuesday, 4:00–6:00

The Family. M. 1st Term. (18) 2:00

Voluntary Associations. M. 2d Term. (19) 3:00

Social Institutions of Organized Christianity. M. 2d Term. (15) 2:00

Winter Quarter.

ASSOCIATE PROFESSOR HENDERSON.

Organizations for Promoting Social Welfare. DM. Seminar. (14) Tuesday, 4:00–6:00

Economical and Governmental Agencies for Advancing General Welfare. M. 1st Term. (32) 2:00

Social Conditions in American Rural Life. M. 1st Term. (31) 3:00

Social Treatment of Dependents and Defectives. M (or MM). 2d Term. (16) 2:00

Modern Cities and Coöperation of their Beneficent Forces. M. 2d Term. (33) 3:00

XXVIII. ELOCUTION.

K. (Theatre)

Autumn Quarter.

MR. CLARK.

Advanced Elocution. 3 hrs. a week. M. (2) Tuesday, Wednesday, and Friday, 11:30

Spring Quarter.

MR. CLARK.

Reading Aloud. 3 hrs. a week. 4. M. Monday, Wednesday, and Friday, 4:00

Dramatic Reading. 5. M. Monday, Wednesday, and Friday at 3:00

THE ENGLISH THEOLOGICAL SEMINARY.

XVI. BIBLICAL LITERATURE IN ENGLISH.

D 10–12.

Courses in this department in the Graduate School and the Colleges, are open to students in the Divinity School.

A. OLD TESTAMENT.

Autumn Quarter.

ASSOCIATE PROFESSOR PRICE.

The Minor Prophets. DM. (A. 17) 4:00

DR. KENT.

Outline of Hebrew History. DM. (A. 29) 11:30

Winter Quarter.

DR. KENT.

The Minor Prophets of the Assyrian Period. M. 1st Term. (A. 18) 2:00

Isaiah, I-XXXIX. M. 2d Term. (A. 12) 2:00

Spring Quarter.

ASSOCIATE PROFESSOR PRICE.

The Book of Jeremiah. A. 37 b. M. 2d Term. 2:00; D 11

ASSOCIATE PROFESSOR HARPER.

Mesopotamian Life. 54. M. 1st Term. 2:00; D 13

Mesopotamian Geography. 53 M. 2d Term. 2:00; D 13

B. NEW TESTAMENT.

Summer Quarter.

ASSOCIATE PROFESSOR MATHEWS.

The Second Group of the Epistles of the Apostle Paul. M. 2d Term. (B. 15) 8:30

MR. VOTAW.

The Gospel of John. M. 1st Term. (B. 10) 9:30

Autumn Quarter.

MR. VOTAW.

The Founding of the Christian Church. DM. (B. 4) 11:30

The Teaching of Jesus. DM. (B. 21) 10:30

Winter Quarter.

ASSOCIATE PROFESSOR MATHEWS.

The Gospel of Matthew. DM. (B. 7) 9:30

XLIV. SYSTEMATIC THEOLOGY.

Autumn Quarter.

ASSOCIATE PROFESSOR JOHNSON. (D 11)

Soteriology. DM. (21) 11:30

XLV. CHURCH HISTORY.

Winter Quarter.

ASSOCIATE PROFESSOR JOHNSON. (D 11)

Prior to Constantine. DM. (1) 10:30

ASSISTANT PROFESSOR MONCRIEF. (D 6)

The Great Reformers. DM. (16*a*) 11:30

Spring Quarter.

HEAD PROFESSOR HULBERT.

From Constantine to Theodosius. 3. M. 1st Term. 8:30; D 6

XLVI. HOMILETICS, CHURCH POLITY, AND PASTORAL DUTIES.

Autumn Quarter.

ASSOCIATE PROFESSOR JOHNSON. (D 11)

Homiletics. DM. (6*a*) 3:00

Spring Quarter.

HEAD PROFESSOR ANDERSON.

Church Polity and Pastoral Duties. 4a. DM. 4:00; D 7

ASSOCIATE PROFESSOR JOHNSON.

Sermons and Sermon-Plans. 7. M. 9:30; D 11

VI. SOCIOLOGY.

C 11.

Autumn Quarter.

ASSOCIATE PROFESSOR HENDERSON.

The Family. M. 1st Term (18) 2:00

Social Institutions of Organized Christianity. M. 2d Term. (15) 2:00

Winter Quarter.

ASSOCIATE PROFESSOR HENDERSON.

Social Conditions in American Rural Life. M. 1st Term. (31) 3:00

Social Treatment of Dependents and Defectives. M. 2d Term. (16) 2:00

THE DANO-NORWEGIAN THEOLOGICAL SEMINARY.

L. OLD AND NEW TESTAMENT LITERATURE AND INTERPRETATION. (DAN.-NOR.)

Autumn Quarter.

ASSISTANT PROFESSOR GUNDERSEN.

Biblical Hermeneutics. DM. (10) 10:00

Introduction to the Greek of the New Testament. DM. (11) 11:00

Winter Quarter.

ASSISTANT PROFESSOR GUNDERSEN.

Sacred Geography and Biblical Antiquities. DM. (4) 10:00

The Gospel of Matthew. M. 1st Term. (9) 11:00

The Epistle to the Galatians. M. 2d Term. (5) 11:00

Spring Quarter. Revised.

ASSISTANT PROFESSOR GUNDERSEN.

Particular Introduction. 2. M. 1st Term. 10:00

The Epistle to the Ephesians. 8. M. 1st Term. 11:00

LI. SYSTEMATIC THEOLOGY. (DAN.-NOR.)

Autumn Quarter.

PROFESSOR JENSEN.

Introduction to the Science of Christian Theology. M. 1st Term. (1) 2:00

Antecedents of Redemption. M. 1st Term. (2) 3:00

Redemption Itself. M. 2d Term. (3) 2:00

Consequents of Redemption. M. 2d Term. (4) 3:00

Spring Quarter.

MR. BROHOLM.

Pastoral Duties. 6. M. 1st Term. 2:00

LII. HOMILETICS AND PASTORAL DUTIES. (DAN.-NOR.)

Winter Quarter.

MR. BROHOLM.

Theory of Preaching. M. 1st Term. (1) 2:00

Sermonizing and Preaching. M. 2d Term. (2) 2:00

LIII. CHURCH HISTORY. (DAN.-NOR.)

Winter Quarter.

MR. BROHOLM.

The Early Church. M. 1st Term. (1) 4:00

The Mediæval Church. M. 2d Term. (2) 4:00

Spring Quarter.

MR. BROHOLM.

The Modern Church. 3. M. 1st Term. 4:00

THE SWEDISH THEOLOGICAL SEMINARY.

LV. OLD AND NEW TESTAMENT LITERATURE AND INTERPRETATION. (SWEDISH)

Autumn Quarter.

ASSISTANT PROFESSOR MORTEN.

The Gospel of John. M. 1st Term. (1) 10:00

Sacred Geography and Antiquities. M. 1st Term. (2) 11:00

Biblical Introduction. MM. 2d Term. (3) 10:00

Spring Quarter.

ASSISTANT PROFESSOR MORTEN.

Hermeneutics. 4. M. 1st Term. 10:00

LVI. SYSTEMATIC THEOLOGY AND PASTORAL DUTIES. (SWEDISH)

Autumn Quarter.

PROFESSOR LAGERGREN.

The Doctrine of Redemption and Salvation. MM. 1st Term. (4) 3:00

The Doctrine of the Church and the Last Things. MM. 2d Term. (5) 3:00

Winter Quarter.

PROFESSOR LAGERGREN.

Introduction to the Christian Theology. MM. 1st Term. (1) 2:00

The Bible a Revelation from God. M. 2d Term. (2) 3:00

Symbolics. M. 1st Term. (6) 4:00

Christian Ethics. M. 2d Term. (7) 4:00

Spring Quarter.

PROFESSOR LAGERGREN.

The Doctrine of God. 3. M. 1st Term. 3:00

Pastoral Duties. 8. M. 1st Term. 4:00

LVII. CHURCH HISTORY. (SWEDISH)

Winter Quarter.

ASSISTANT PROFESSOR SANDELL.

Modern Church History. DM. (2) 11:00

Spring Quarter.

ASSISTANT PROFESSOR SANDELL.

American Church History. 1. M. 1st Term 11:00

LVIII. HOMILETICS. (SWEDISH)

Winter Quarter.

ASSISTANT PROFESSOR SANDELL.

Theoretical Homiletics. M. 1st Term. (1) 10:00

Practical Homiletics. M. 2d Term. (2) 10:00

TIME SCHEDULE.

SPRING QUARTER, 1895.

The Laboratory and Research Work of the Departments in the Ogden School of Science is only partially indicated in this time schedule.

Hours. A. M.	Divinity School.	Graduate School and University Colleges of Arts and Literature.	Ogden (Graduate) School and University College of Science.	Academic Colleges.
7:30		Old Testament Institutions and Laws (*W. R. Harper*). Semitic Seminar (*W. R. Harper*). Saturday, 7:30–9:30.		
8:30	Church History from Constantine to Theodosius (*Hulbert*). 1st Term.	Experimental Psychology (*Angell and McLennon*). Economic and Social History (*A. C. Miller*). General Jurisprudence (*Freund*). Seminar: English History (*Terry*). Monday, 8:30–10:30. Social Anatomy (*Small and Vincent*). Beginning Hebrew (*W. R. Harper and Crandall*). 1st Term. Hebrew: Books of Samuel (*W. R. Harper and Crandall*). 2d Term. Christian Literature to Eusebius (*Arnolt*). Tacitus and Suetonius (*Chandler*). Elements of French Literature (*Bergeron*). Modern French Seminar (*Bergeron*). Monday, 8:30–10:30. Historical French Grammar (*Poyen-Bellisle*). English Literature of 19th Century, (*Triggs*).	Algebraic Surfaces (*Maschke*). Differential Equations (*Boyd*). Theoretical Chemistry (*Lengfeld*). Tuesday and Friday. Aromatic Series (*Curtiss*), Monday and Thursday. Special Bacteriology (*Jordan*). Neurology (*Donaldson*). Thursday. Seminar: Neurology (*Donaldson*). Fri. Research in the Osteology of Living and Extinct Vertebrates (*Baur*). Daily, 8:30–12:30; 2:00–4:00 Elementary Botany (*Clarke*). Human Osteology (*Baur*). 1 Term. Wednesday and Friday. Labor. Work, Saturday, 8:30–10:30.	History: Mediæval Period, B. (*Conger*). Herodotus (*Owen*). Cicero; Livy, etc. (*Moore*). Ovid, Horace, etc. (*Walker*). Elementary German (*Schmidt-Wartenberg*). German, Intermed. Course (*Wood*). English Composition (*Lewis*). Required Mathem. 2*a* (*Hancock*). General Physics (*Stratton*). Elementary Botany (*Clarke*). Elocution (*Clark*) 1*a* Mon., 1*d* Sat.
9:30	Apologetics (*Foster*). Particular Introduction (*Gundersen*). 1st Term. Church History (*Hulbert*). 1st Term. Plans and Sermons (*Johnson*).	Morbid Psychology (*Strong*). Introduction to Philosophy; Ethics (*Mead*). Financial History of United States (*Miller*). Comparative Politics (*Judson*). History of the United States (*Shepardson*). Economy of Living (*Talbot*). Targum (*Hirsch*). 1st Term. New Testament Introduction, iii. (*Arnolt*). Roman Satire (*Miller*). Italian Philology (*Poyen-Bellisle*). Outline History of German Literature (*von Klenze*). Studies in Björnson and Ibsen (*Dahl*). Chaucer (*Tolman*). English Literature Criticism (*Carpenter*).	Analytic Mechanics (*Maschke*). Culture Calculus (*Young*). Research Methods (*Wadsworth*). Mon. to Thurs. Descriptive Mineralogy (*Iddings*). 1st Term. Determinative Mineralogy (*Farrington*). 2d Term. Embryology (*Wheeler*). 9:30–12:30. General Bacteriology (*Jordan*). Original Investigation in Physiology (*Loeb*). Botany: Lectures (*Coulter*). Saturday. Elementary Botany (*Clarke*).	History: Mediæval Period, A. (*Thatcher*). History: Modern Period, B. (*Conger*). Lysias and Isocrates (*Owen*). Cicero (*Chandler*). Terence; Tacitus. Sec. 2 (*Moore*). Horace; Rom. Lit. Sec. 2 (*Walker*). Elementary French (*Bergeron*). Culture Calculus (*Young*). Required Mathem. 2*b* (*Hancock*). Elementary Botany (*Clarke*). Elocution (*Clark*) 1*b* Mon., 1*e* Sat.
10:30	Books of Kings (*Kent*). 1st Term. Isaiah, 1–39 (*Kent*). 2d Term. New Testament Canon (*Mathews*). Swiss Reformation (*Johnson*). Church History from Charles the Great to Boniface viii. (*Moncrief*). Epistle to Ephesians (*Gundersen*). 1st Term. Hermeneutics (*Morten*). 1st Term.	Movements of Thought in 18th and 19th Centuries (*Tufts*). Philosophy of Concepts of Matter (*Mead*). Railway Transportation (*Closson*). Social Life in the American Colonies (*Shepardson*). Greek Life Studied from the Monuments (*Tarbell*). General Hygiene (*Talbot*). Labor Legislation (*Bemis*). Talmud, Jerusalemic (*Hirsch*). History of Egypt (*Breasted*). Sanskrit (*Buck*). 1st Term. Lithuanian (*Buck*). 2d Term. Advanced French Syntax (*Bergeron*). Literary Interpretation (*Moulton*). English Literature Seminar (*Crow*). Thursday, 10:30–12:30. Books of Kings (*Kent*). 1st Term. Isaiah, 1–39 (*Kent*). 2d Term.	Theory of Equations (*Young*). Analytics and Calculus, Section 4*b* (*Boyd*). General Astronomy (*See*). General Physics, Advanced (*Michelson*). Tuesday and Wednesday. General Physics, Advanced (*Stratton*). Tuesday and Thursday. Theory of Reduction of Observations (*Wadsworth*). Geologic Life Development (*Chamberlin*). Special Palæont. Geology (*Quereau*). Anat. and Physiology of Cell (*Watasé*). General Physiology (*Loeb*). Botany: Laboratory Work (*Coulter*). Saturday, 10:30–12:30.	History: Modern Period, *A*. (*Catterall*). Horace; Roman Lit. Sec. 1 (*Moore*). Terence, Tacitus. Sec. 1 (*Miller*). Modern German Prose (*von Klenze*). English Literature (*Tolman*). Analytics and Calculus, Sec. 4*b* (*Boyd*). Physics: Labor. Practice (*Wadsworth*). Elocution (*Clark*) 1*c* Mon., 1*f* Sat.

11:30	Sociological ideas of the Gospels (*Mathews*). Epistles of Paul (*Votaw*). American Church History (*Sandell*). 1st Term.	Unsettled Problems of Economic Theory (*Laughlin*). Administrative Law (*Freund*). Geography of Europe (*Conger*). Civil Government in United States (*Mosley*). French Revolution (*Catterall*). Trades' Unionism and Coöperation (*Bemis*). Prehistoric Archæology (*Starr*). Arabic: Thousand and One Nights (*Hirsch*). Elementary Egyptian (*Breasted*). Paul's Epistles (*Votaw*). Avestan (*Buck*). Thucydides, Sicilian Expedition (*Tarbell*). Catullus and Horace (*W. G. Hale*). American Literature (*Triggs*).	Analytics and Calculus, Sec. 4*a* (*Boyd*). Calculus of Variations (*Hancock*). Interference Methods (*Michelson*). Special Graduate Course (*Michelson*). Thursday and Friday. Organic Chemistry (*Nef*). Thurs.-Sat. 1st Term. General Inorganic Chemistry (*Smith*). Petrography (*Iddings*). Palæontologic Geology (*Quereau*). Comparative Osteology and Phylogeny of Vertebrates (*Baur*).	Geography of Europe (*Conger*). Elementary French (*Bergeron*). Elementary French (*Poyen-Bellisle*). Analytics and Calculus, Sec. 4*a* (*Boyd*). Required Mathem. 2*c* (*Rothrock*). Physics: Labor. Practice (*Wadsworth*). Gen. Inorg. Chemistry (*Smith*).
P. M. 12:30 to 1:00	CHAPEL EXERCISE.	CHAPEL EXERCISE.	CHAPEL EXERCISE.	CHAPEL EXERCISE.
2:00	Jeremiah, in English (*Price*). 2d Term. Mesopotamian Life (*R. F. Harper*). 1st Term. Mesopotamian Geography (*R. F. Harper*). 2d Term. Pastoral Duties (*Broholm*)	Psychology (*Strong*). American Agriculture (*Veblen*). History of Israel (*Goodspeed*). Seminar: Social Dynamics (*Small*). Physical Anthropology, Labor. Work (*Starr*). Province of Sociology (*Vincent*). Jeremiah, in English (*Price*). 2d Term. Mesopotamian Life (*R. F. Harper*). 1st Term. Mesopotamian Geography (*R. F. Harper*). 2d Term. Nibelungenlied (*von Klenze*). Swedish Literature (*Dahl*). History of Old English Literature (*Blackburn*). English Language Seminar (*Blackburn*). Monday, 2:00-4:00 Sources of Shakespeare's Plays (*Crow*).	Elliptic Modular Functions (*Moore*). Monday and Thursday, 2:30-4:00. Groups (*Moore*). Tuesday and Friday, 2:30-4:00. Solar Physics (*Hale*). Theory of a Rotating Body (*Laves*). Research Course (*Michelson*). Monday-Friday, 2:00-6:00 Special Graduate Course (*Michelson*). Labor. Work, Mon.-Fri. 2:00-6:00 Physics: Labor. Practice (*Stratton*). Monday-Saturday, 2:00-5:00. Electrical Measurements (*Stratton*). Monday-Saturday, 2:00-5:00. General Inorganic Chemistry (*Smith*). Labor. Work, Mon. & Tues., 2:00-5:00. Anatomy (*Eycleshymer*). Thursday and Friday, 2:00-5:00. Advanced Physiology (*Loeb*). Physiology, Laboratory Work (*Lingle*). Mon.-Wed., 2:00-5:00. Laboratory Work in Compar. Osteology (*Baur*). 2:00-4:00.	Rhetoric and English Composition (*Herrick, Lovett, and Lewis*). 1A, 2:00; 1B, Tues., and 1C, Thurs., 1:30. Jeremiah (*Price*). 2d Term. Mesopotamian Life (*R. F. Harper*). 1st Term. Mesopotamian Geography (*R. F. Harper*). 2d Term. Chemistry 1 and 3, Laboratory Work } (*Smith*).
3:00	Introduction to Synoptic Gospels (*Burton*). Seminar in Christology (*Northrup*). Tuesdays and Thursdays. Masterpieces of Pulpit Eloquence (*Anderson*). Doctrine of God (*Lagergren*). 1st Term. Dramatic Reading (*Clark*). Mon., Wed., Fri.	Economic Seminar (*Laughlin*). Oral Debates (*Closson*). History of Europe in the 19th Century (*von Holst*). Problems of Social Statics (*Small*). Seminar in Sanitary Science (*Talbot*). Applied Anthropology (*West*). Social Aspects of Taxation (*Max West*). Islam (*Goodspeed*). The Psalter (*Price*). Assyrian Letters (*R. F. Harper*). Synoptic Gospels (*Burton*). Pindar, Olympian Odes (*Shorey*). Seminar: Greek Drama (*Shorey*). Wed. 3:00-5:00. Seminar 3 (*W. G. Hale*). Tues. 3:00-5:00. Germanic Seminar. Fortnightly, Mon. 3:00-5:00. Old English (*Blackburn*). Advanced English Composition (*Herrick*). Dramatic Reading (*Clark*).	Elliptic Modular Functions (*Moore*). Groups (*Moore*). Special Perturbations (*Laves*). Astronomical Seminar (*See and Laves*). Fortnightly, Saturdays. Archæologic Geology (*Holmes*). Friday, 2:30. Neurology, Lectures (*Meyer*). Friday, 3:00-5:00. Seminar in Phylogeny (*Baur*).	Elementary German (*Schmidt-Wartenberg*). Chemistry 1 and 3, Laboratory Work } (*Smith*). Dramatic Reading (*Clark*). Monday, Wednesday, Friday.
4:00	Seminar: Theology of Epistle to the Romans (*Burton*). Seminar in Christology (*Northrup*) Tues. and Thurs. Church Polity and Pastoral Duties (*Anderson*). Modern Church History (*Broholm*). 1st Term. Pastoral Duties (*Lagergren*). 1st Term. Elocution (*Clark*). Monday, Wednesday, Friday.	Seminar: English Philosophy } Monday, 4:00-6:00 Philosophical German } (*Tufts*). Seminar in Finance (*A. C. Miller*). Social Economics (*Closson*). Seminar: History (*von Holst*). Monday, 4:00-6:00 Feudal Period (*Terry*). History of Rome to the Antonines (*Goodspeed*). Religions of China and Japan (*Buckley*). Old Testament Interpretation (*Price*). Assyrian Historical Inscriptions (*R. F. Harper*). Modern French Seminar (*Bergeron*). Wednesday 4:00-6:00. Comp. Gothic Grammar (*Schmidt-Wartenberg*). Reading Aloud (*Clark*).	Mathematical Seminar. Fortnightly, Saturday 4:30. Chemical Journal Meetings, Friday, 4:30. Geographic Geology (*Holmes*). Friday, 2:30. Embryology (*Whitman*).	Chemistry 1 and 3, Laboratory Work } (*Smith*). Elocution (*Clark*). Monday, Wednesday, Friday.
5:00		History of Ancient Greece, iii. (*Wirth*).		

ROOM SCHEDULE, COBB LECTURE HALL.

SPRING QUARTER, 1895.

NOTE.—B C and D indicate the Second, Third and Fourth Floors of Cobb Lecture Hall. The numerals after the name of the Instructor indicate the number of Department and Course. Numbers in **bold-face** type are Academic College Courses.

ROOM	8:30	9:30	10:30	11:30	2:00	3:00	4:00
B. 2	Owen (**xi 17**)	Owen (**xi 4**)	Tarbell (v 3)	Tarbell (xi 10)	Shorey (xi 21)	W. G. Hale (xii 36) Tuesday 3:00–5:00 Shorey (xi 35) Wednesday 3:00–5:00	
3			Buck (x 6 & x 12)	Buck (x 10)			
5	Chandler (xii 18)	Chandler (**xii 8**)					
6		Miller (xii 24)	Miller (**xii 5d**)				
7	Walker (**xii 3**)	Walker (**xii 6d**)					
8	Moore (**xi 4e**)	Moore (**xi 5e**)	Moore (**xi 6c**)	W. G. Hale (xii 12)			
9	Wood (**xiv 30**)	Hancock (**xvii 2b**)	von Klenze (**xiv 35**)		Dahl (xiv 21a)		Wartenberg (xiv 15)
10	Wartenberg (**xiv 29**)	von Klenze (xiv 23)		Rothrock (**xvii 2c**)	von Klenze (xiv 4)	Wartenberg (**xiv 29**)	
12	Poyen (xiii 15)	Poyen (xiii 33)		Poyen (**xiii 2**)			
14		Dahl (xiv 21)					
16	Bergeron (xiii 6)	Bergeron (**xiii 1**)	Bergeron (xiii 40)	Bergeron (**xiii 3**)	Crow (xv 40)		Bergeron: Wedn. 4:00–6:00 (xiii 12)
C. 3	A. C. Miller (ii 2)	A. C. Miller (ii 14)	Closson (ii 12)	Laughlin (ii 4)	Veblen (ii 16)	Laughlin (ii 21)	Closson (ii 8)
7	Terry (iv 51) Monday 8:30-10:30	Shepardson (iv 6)				Closson (ii 19)	
8	Small & Vincent (vi 25)	Thatcher (**iv 1a**)	Catterall (**iv 2a**)	Catterall (iv 5)	Vincent (vi 24)	Max West (vi 48)	von Holst (iv 54) Monday 4:00–6:00; Terry (iv 30)
9	Conger (**iv 1b**)	Conger (**iv 2b**)	Shepardson (iv 44)	Freund (iii 52)		von Holst (iv 41)	Wirth (iv 28) at 5:00
10	Freund (iii 42)	Judson (iii 13)	Bemis (vi 21)	Bemis (vi 20)	Small (vi 28)	Small (vi 27)	
11		Talbot (vi 13)	Talbot (vi 39)	Mosley (iii 1)		Talbot (vi 10)	
13	Hancock (**xvii 2a**)	Mead (i 3)	Mead (i 11)	Conger (iii 71)			
14		Crow (xv 36)	Crow (xv 26)				
17		Strong (i 24)	Tufts (i 4a)	Strong (i 25)			Tufts (i 6 & 7) Tue. 4:00–6:00
D. 1	Lewis (**xv 2**)	Herrick	appointments in	writing (xv 8A)		Herrick (xv 5)	
2		Foster (xliv 1)	Mathews (ix 57)	Mathews (xliii 5)		Northrup (xliv 8b)	Tuesday and Thurday 3:00–5:00
6	Hulbert (xlv 3) 1. Term	Hulbert (xlv 34) 1. Term	Moncrief (xlv 4)				
7						Anderson (xlvi 6)	Anderson (xlvi 4a)
8	Triggs (xv 49)	Tolman (xv 45)	Tolman (**xv 10**)	Triggs (xv 22)	Herrick, Lovett (**xv 1**)		
9		Carpenter (xv 69)	Moulton (xv 62)		Blackburn (xv 56) (xv 28) Monday	Blackburn (xv 25) 2:00–4:00	
11		Johnson (xlvi 7)	Johnson (xlv 13)		Price (viii 37b)	Burton (ix 18)	Burton (xliii 2)
13		Hirsch (viii 67) 1. Term	Hirsch (viii 59)	Hirsch (viii 90)	R. F. Harper (viii 53–54)	R. F. Harper (viii 78)	R. F. Harper (viii 75b)
15	W. R. Harper & Crandall (viii 1 & 4) W. R. Harper (viii 48 & 102) at 7:30	Young (xvii 5)	Breasted (viii 18)	Breasted (viii 106)	W. R. Harper & Crandall (viii 1 & viii 4)	Price (viii 25)	Price (viii 46)
16	Arnolt (ix 55)	Arnolt (ix 21)	Kent (viii 6 & 11)	Votaw (ix 4)	Goodspeed (viii 33 & iv 10)	Goodspeed (viii 92)	Goodspeed (iv 20)

The Official and Semi-Official Organizations.

NOTE.—It has been decided to publish in the QUARTERLY CALENDAR brief abstracts of papers read at the meeting of the Union, the Philological Society, and the Departmental Clubs. The presiding officers of these associations are requested to announce this decision at the meetings of their club; and the secretaries are expected to send at their earliest convenience, to the Recorder's office, a report containing: (1) Date of regular meeting of the Club, and (2) List of officers elected for the current year. It shall also be the Secretary's duty to furnish to the Recorder the titles of articles to be presented to the Clubs at their next meeting, and to see that brief abstracts of these communications are sent to the Recorder's Office.

OFFICERS OF THE UNIVERSITY CLUBS.

THE UNIVERSITY UNION.

President—C. H. Gordon, of the Geological Club.

Vice President—C. D. Case, of the Church History Club.

Secretary and Treasurer—E. M. Heim, of the Political Science and History Club.

Meets on the last Friday of the first term of each Quarter, at 8:00 P.M., in *Theatre, Kent Chemical Laboratory.*

THE PHILOLOGICAL SOCIETY.

President—Assistant Professor F. A. Blackburn.

Vice President—Assistant Professor H. Schmidt-Wartenberg.

Secretary and Treasurer—Assistant Professor F. J. Miller.

Programme Committee—The President, Vice President, and the Secretary, with F. A. Wood and Theo. L. Neff, of the Graduate School.

The Society meets in *Room B 8, Cobb Lecture Hall,* on the third Friday of each Term, 8:00 P.M.

THE DEPARTMENTAL CLUBS.

THE BIOLOGICAL CLUB.

President—Head Professor C. O. Whitman.

Vice President—Professor H. H. Donaldson.

Secretary and Treasurer—H. S. Brode, who also represents the Club in the University Union.

Meets fortnightly, Wednesdays at 4:00 P.M., in *Kent Chemical Laboratory.*

THE CHEMICAL CLUB.

President—Professor J. U. Nef.

Delegate to the University Union—B. C. Hesse.

Meets every Friday at 8:00 P.M., in *Lecture Room Kent Chemical Laboratory.*

THE CHURCH HISTORY CLUB.

President—C. D. Case.

Vice-President—W. H. Howard.

Secretary—J. H. Randall.

Delegate to the University Union—C. D. Case.

Meets fortnightly on Tuesday at 7:30 P.M., in the *Faculty Room.*

THE CLASSICAL CLUB.

President—Head Professor W. G. Hale.

Vice President—Professor Paul Shorey.

Secretary—Emma L. Gilbert.

Delegate to the University Union—W. C. France.

Executive Committee—The President, Vice-President, and the Secretary, with C. K. Chase and H. L. Lovell, of the Graduate School.

Meets monthly.

THE COMPARATIVE RELIGION CLUB.

President—F. J. Coffin.

Secretary—F. C. Sherman.

Meets monthly throughout the year.

THE ENGLISH CLUB.

President—Associate Professor W. D. McClintock.

Secretary—Dr. Edwin H. Lewis.

Delegate to the University Union—Florence Wilkinson.

Programme Committee—The President, Secretary, and Delegate.

The meetings are to be held hereafter upon Tuesday

evening of the third, seventh, and eleventh weeks of each quarter, in *Cobb Lecture Hall, Room B 10*, at 8:00 P.M.

THE EXEGETICAL CLUB.

President—J. H. Grant.
Secretary and Treasurer—A. R. E. Wyant.
Delegate to the University Union—L. D. Osborn.
Programme Committee — Professors Price, Burton, and Goodspeed.

Meets fortnightly on Tuesday evening, in D 16.

THE FRENCH LITERATURE CLUB.

President—Assistant Professor E. Bergeron.
Secretary—S. H. Ballou.
Delegate to the University Union—T. J. Taylor.

Meets fortnightly on Fridays at 4:00 P.M., in B 16.

THE GEOLOGICAL CLUB.

President—Thomas C. Hopkins.
Vice President—Lizzie K. Ford.
Secretary—D. E. Willard.
Delegate to the University Union—C. E. Gordon.

Meets fortnightly, Tuesdays at 4:00 P.M., in *Walker Museum.*

THE GERMANIC CLUB.

President—Associate Professor S. W. Cutting.
Secretary—Paul Oscar Kern.
Delegate to the University Union—F. A. Wood.

Meets fortnightly on Mondays at 3:00 P.M., in B 11.

THE LATIN CLUB.

President—Assistant Professor F. J. Miller.
Secretary—Harry W. Stone.
Delegate to the University Union—Henry G. Gale.

Meets monthly, 8:00 P.M., at 5410 Madison av.

THE MATHEMATICAL CLUB AND SEMINAR.

Conducted by the Instructors of the Mathematical Faculty. Meets fortnightly, Saturdays at 4:30 P.M., in *Ryerson Physical Laboratory, 35.*

Delegate to the University Union—William Gillespie.

THE NEW TESTAMENT JOURNAL AND ESSAY CLUB.

President—Associate Professor Shailer Mathews.
Vice President—Head Professor E. D. Burton.
Secretary—C. E. Woodruff.
Delegate to the University Union—A. T. Watson.

Meets fortnightly on Tuesdays at 8:00 P.M.

THE PHYSICS CLUB.

This Club has not yet organized; but will do so, as soon as the Department has moved into its new quarters.

THE POLITICAL ECONOMY CLUB.

Honorary President—Head Professor J. L. Laughlin.
President—William Hill.
Secretary and Treasurer—George Tunell.
Delegate to the University Union—H. P. Willis.
Executive Committee—The President, Secretary, Sarah M. Hardy, John W. Million, and Robert F. Hoxie.

Meets Thursdays at 7:30 P.M., in the *Faculty Room.*

THE POLITICAL SCIENCE AND HISTORY CLUB.

President—Charles T. Conger.
Secretary and Treasurer—Regina K. Crandall.
Delegate to the University Union—E. M. Heim.
Executive Committee — The President and Secretary together with J. W. Fertig, J. W. Thompson, and Miss Scofield.

Meets fortnightly on Wednesdays at 8:00 P.M., in the *Faculty Room.*

THE ROMANCE CLUB.

President—Mr. George C. Howland.
Secretary—Susan R. Cutler.
Delegate to the University Union—Theo. L. Neff.

THE SEMITIC CLUB.

President—Professor Emil G. Hirsch.
Vice President—Associate Professor Ira M. Price.
Secretary—Dean A. Walker.
Delegate to University Union—George Ricker Berry.

Meets fortnightly on Thursdays at 7:30 P.M.,

THE SOCIOLOGY CLUB.

President—Frederick W. Sanders.
Vice President—C. H. Hastings.
Secretary and Treasurer—Hannah B. Clark.
Delegate to the University Union — I. W. Howerth.

Meets fortnightly on Tuesdays at 7:30 P.M., in the *Faculty Room.*

THE ORATORICAL ASSOCIATION.

President—William O. Wilson.
Vice President—Victor O. Johnson.
Secretary—Moses D. McIntyre.
Treasurer—Phineas J. Yousephoff.
Critic—Robert L. Hughes.

Meets fortnightly on Mondays at 7:30 P.M., in *Lecture Room, Cobb Lecture Hall.*

THE LITERARY SOCIETY OF THE DANO-NORWEGIAN THEOLOGICAL SEMINARY.

(*Morgan Park, Ill.*)

President—S. Kristoffersen.
Vice President—H. P. Andersen.
Secretary—O. Skotheim.
Vice Secretary—H. J. Jacobsen.
Programme Committee—H. P. Andersen, A. Andersen, and F. Holm.

Meets fortnightly on Mondays at 8:00 P.M., in D 9.

THE SWEDISH LITERARY SOCIETY.

(*Morgan Park, Ill.*)

President—John D. Nylin.
Vice President—C. E. Nylin.
Secretary—Carl O. Dahlen.

Meets Tuesdays at 7:30 P.M.

THE CHRISTIAN UNION AND OTHER RELIGIOUS ORGANIZATIONS.

OFFICERS OF THE CHRISTIAN UNION.

President—Associate Professor C. R. Henderson.
Vice President—Edgar J. Goodspeed.
Secretary and Treasurer—F. W. Woods.

The Executive Committee consists of C. R. Henderson, Chairman; Head Professor J. Laurence Laughlin, Miss Laura A. Jones, W. E. Chalmers, F. W. Woods, Miss Mary D. Maynard, together with the Presidents of the Young Men's Christian Association, the Young Women's Christian Association, the Missionary Society, and the Volunteer Band.

The Executive Committee holds regular meetings each month.

SUB-COMMITTEES.

Public Worship—E. G. Goodspeed.
Bible Study—W. E. Chalmers.
Social Life—Mary D. Maynard.
Philanthropic Work—J. Laurence Laughlin, Chairman; M. L. Marot, Secretary and Treasurer; Mary E. McDowell, Head Resident of the University Settlement.

OFFICERS OF THE RELATED SOCIETIES.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION.

President—A. T. Watson.

Meets every Friday, at 6:45 P. M., in *Lecture Room, Cobb Lecture Hall.*

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

President—Miss A. Hamilton.

Meets every Thursday at 1:30 P.M., in *Lecture Room, Cobb Lecture Hall.*

Union Meetings of the two Associations are held on Sundays, at 6:45 P. M.

THE MISSIONARY SOCIETY

Of the Divinity School of the University of Chicago.
President—H. A. Fisk.
Vice President—J. A. Herrick.
Treasurer—J. Y. Aitchison.
Secretary—W. A. Wilkin.

Meets fortnightly on Thursday evening, in *Chapel Cobb Lecture Hall.*

THE VOLUNTEER BAND

Of the University of Chicago.
Chairman—W. A. Wilkin.
Secretary—Thora Thompson.

Meets Fridays at 5:00 P.M. in D 7.

MUSIC.

WARDNER WILLIAMS, *Assistant in Music.*

Theatre, Kent Chemical Laboratory.

ELEMENTARY MUSIC (sight reading). One hour a week. Tuesday at 5:00 P.M.

THE UNIVERSITY CHORUS (advanced). One hour and a quarter a week. Tuesday, at 7:15 P.M.

THE UNIVERSITY CHOIR. Five half hours a week. Monday–Friday, at 8:00 A.M.

THE UNIVERSITY ORCHESTRA. One hour and a half a week. Wednesday, at 7:30 P.M.

HARMONY. Two hours a week. Monday and Thursday, at 6:30 A.M.

THEORY OF MUSIC. Two hours a week. Tuesday and Friday, at 8:30 A.M.

THE HISTORY OF MUSIC. One hour a week. Wednesday, 8:30 A.M.

MUSICAL LECTURES AND RECITALS. Wednesdays, at 5:00 P.M.

THE EMPLOYMENT BUREAU.

There will be no further examination for Evening school certificates until September, 1895.

There will be an examination for High and Grammar school certificates about June 23, 1895.

Students who registered last year and received no work are continued on the enrollment of the Bureau. Others must re-register.

THE STUDENTS' FUND SOCIETY.

This Society makes loans upon the joint recommendation of its own Committee and a Committee of the Faculty. Students are not eligible for loans until they have been members of the University one Quarter, and have shown marked success in scholarship. Applications are considered by the Committee of the Faculty at the end of each Quarter, but in order that the necessary preliminary information may be secured all applications for loans to be granted in any Quarter must be handed in to *Head Professor J. L. Laughlin*, Chairman, by the first of December, March, June, and September for the respective Quarter following. Application blanks may be secured at the office of the Registrar.

The Officers of the Society are:

President—A. A. Sprague.
Vice President—Norman Williams.
Secretary—Charles H. Hamill.
Treasurer—Byron L. Smith.

The Officers of the Executive Committee are:

President—Mrs. H. M. Wilmarth.
Vice President—Mrs. George E. Adams.
Secretary—Mrs. Noble B. Judah.

The Board of Directors consists of seven gentlemen and twelve ladies.

The Committee of the Faculty is composed of:

Head Professor J. Laurence Laughlin, Chairman; Dean Judson, Dean Talbot, Associate Professor Stratton, and Assistant Professor F. J. Miller.

The University Extension Division.

NATHANIEL BUTLER, *Director.*

JANUARY 1, 1895.

NOTE.—The University Extension Division offers instruction according to three different methods: (1) by Lecture-studies with the usual features of syllabus, review, weekly exercise, and examination; (2) by Class-instruction in classes organized outside of the University, but within the limits of the City of Chicago, and meeting on Evenings and Saturdays; (3) by Correspondence.

The following is a list of the courses of instruction at present offered in the University Extension Division by each of these methods. This list will necessarily be modified as the demand for new courses arises.

For a complete account of the aims and methods of University Extension work consult the Circulars of Information issued by the University Extension Division.

The numbers of the Departments correspond with those in the University (proper).

THE LECTURE-STUDY DEPARTMENT.

CHARLES ZEUBLIN, *Secretary.*

I. PHILOSOPHY.

ASSOCIATE PROFESSOR TUFTS.

Movements of Thought in the Nineteenth Century.

II. POLITICAL ECONOMY.

MR. BROOKS.

Questions of Charity and the Unemployed.

Modern Socialism at Work.

The Great Attempts to Deal with the Labor Question.

III. POLITICAL SCIENCE.

MR. CONGER.

The Physical, Historical, and Political Geography of Europe.

The Great Commercial Critics of Antiquity.

MR. OGDEN.

Early English Institutions.

Genesis of Some American Institutions.

Virginia Statesmen of the Revolution.

IV. HISTORY.

PROFESSOR TERRY.

An Introduction to the Study of History.

The Ethnic Foundation of Modern Civilization.

Political Foundation of Modern Civilization.

Baron and King—the Evolution of a Typical European Monarchy.

PROFESSOR GORDY.

The History of Political Parties in the United States.

Representative American Statesmen.

ASSOCIATE PROFESSOR THATCHER.

The History of the Middle Ages.

Mohammed, Mohammedanism, and the Crusades.

ASSISTANT PROFESSOR GROSE.

The Political Development of the European Nations since 1792.

The Founding of the German Empire of Today.

Studies in the History of Europe from the French Revolution to the Present Time.

Character Studies in Nineteenth Century History.

DR. SHEPARDSON

Social Life in the American Colonies.

American Statesmen and Great Historic Movements.

DR. WIRTH.

Neueste Geschichte von Afrika.

Gegenwärtige Zustände im Orient.

Herodot—der erste Geschichtsschreiber des Altertums.

Mr. Hunter.

Roman, Barbarian, and Christian.

Mr. Webster.

The Making and Makers of Our Republic.

Six American Statesmen.

Mr. Wishart.

Monks and Monasteries.

VI. SOCIOLOGY AND ANTHROPOLOGY.

Head Professor Small.

First Steps in Sociology.

Die Grundzüge der Sociologie.

Associate Professor Bemis.

Questions of Labor and Social Reform.

Questions of Monopoly and Taxation.

Some Social and Industrial Forces in American History.

Associate Professor Henderson.

Charities and Corrections.

The Family—a Sociological Study.

Assistant Professor Starr.

Some First Steps in Human Progress.

The Native Races of North America.

Early Man in Europe.

Evolution.

Mr. Zeublin.

A Century of Social Reform.

Social Reform in Fiction.

Mr. Gentles.

First Aid to the Injured.

Mr. Fulcomer.

Some Leaders in Sociology.

Utopias.

Mr. Raymond.

Social Aspects of the Labor Movement.

Dr. Max West.

The New Philanthropy.

Dr. Gerald West.

Lectures on Man.

The Aryans.

Mr. Howerth.

Some Social Experiments.

VII. COMPARATIVE RELIGION.

Mr. Buckley.

Shinto, the Ethnic Faith of Japan.

The Science of Religion.

VIII. THE SEMITIC LANGUAGES AND LITERATURES

Mr. Walker.

The History and Institutions of Islam.

XI and XII. THE GREEK AND LATIN LANGUAGES AND LITERATURES.

Professor Shorey.

Six Readings from Horace.

Homer, the Iliad.

Studies in the Greek Drama.

Assistant Professor Castle.

The Decline and Fall of Greece.

Assistant Professor Miller.

Virgil.

XIII. ROMANCE LANGUAGES AND LITERATURES.

Assistant Professor Bergeron.

French Literature.

Littérature Française.

Mr. Howland.

The Italian Poets.

Six Italian Prose Writers.

Mr. de Poyen-Bellisle.

L'Evolution du Théâtre en France.

XV. THE ENGLISH LANGUAGE AND LITERATURE.

Professor Moulton.

Studies in Biblical Literature.

The Tragedies of Shakespeare.

Ancient Tragedy for English Audiences.

Stories as a Mode of Thinking.

Spenser's Legend of Temperance.

Literary Criticism and Theory of Interpretation.

Shakespeare's "Tempest," with Companion Studies.

Associate Professor Butler.

Preliminary Course in English Literature.

Some Studies in American Literature.

Associate Professor McClintock.

Introduction to the Study of Literature.
English Romantic Poets from 1780 to 1830.
Lectures on Fiction.

Assistant Professor Tolman.

Studies in English Poetry.

Mr. Clark.

Poetry as a Fine Art.

Mr. Herrick.

The Creation of the English Novel.
The Decay of Romanticism in English Poetry.
Studies in Style.

Miss Chapin.

General Survey of American Literature.
Masterpieces of English Poetry.

Mr. Jones.

Prophets of Modern Literature.
Masterpieces of George Eliot.
Social Studies in Henrik Ibsen.

Mr. Fiske.

Five Plays of Shakespeare.

XVI. BIBLICAL LITERATURE IN ENGLISH.

Head Professor Harper.

The Stories of Genesis.

Head Professor Burton.

The Second Group of Paul's Letters.

Professor Moulton.

Studies in Biblical Literature.

Professor Hirsch.

Religion in the Talmud.
The Jewish Sects.
Biblical Literature.
History of Judaism.

Associate Proferson Mathews.

The History of New Testament Times in Palestine.

Associate Professor Price.

What the Monuments tell us relative to the Old Testament.
The Forgotten Empire and the Old Testament.

Associate Professor Thatcher.

The Apostolic Church.
The Life and Work of Paul.

Dr. Kent.

Hebrew Poetry.
Hebrew Prophecy studied in the Light of the Prophets of the Assyrian Period.
Messianic Prophecy.
The Messianic Predictions of the Hebrew Prophets.

Dr. Rubinkam.

The Five Megilloth (Rolls).

Mr. Votaw.

Some Aspects of the Life of Christ.
Sources and Relations of the Four Gospels.
Jewish and Christian Writings parallel with, but excluded from, Our Bible.

XVIII. ASTRONOMY.

Dr. See.

General Astronomy.

XIX. PHYSICS.

Assistant Professor Stratton.

Sound.

Assistant Professor Cornish.

Hydrostatics and Pneumatics.

Mr. Belding.

Elements of Electricity and Magnetism.

XX. CHEMISTRY.

Mr. Morse.

General Chemistry.
Chemistry of Everyday Life.

XXI. GEOLOGY.

Professor Salisbury.

Landscape Geology.
The Evolution of the North American Continent.

XXII. ZOOLOGY.

Mr. Cole.

General Course in Bacteriology.

MICROSCOPY.

Mr. Morse.

The Microscope and its Uses.

MUSIC.

Dr. Williams.

Music.

ART.

Mr. French.

Painting and Sculpture.

Mr. Taft.

Ancient Sculpture.

Contemporary French Art.

Contemporaneous Art.

Mr. Schreiber.

History of Art.

Child Study.

SCANDINAVIAN LITERATURE.

Mr. Dahl.

Social Studies in Björnson and Ibsen.

Norwegian Literature.

Swedish and Danish Literature.

RUSSIAN LITERATURE.

Dr. Hourwich.

Studies in Russian Literature.

THE CLASS-STUDY DEPARTMENT.

Jerome H. Raymond, *Secretary.*

The following is a partial list of courses which will be given in the evening or on Saturday, at the University or in other parts of the city or suburbs, wherever six or more students desire instruction in the same subject. These classes will usually meet once a week for twelve weeks, each session continuing two hours.

I. PHILOSOPHY.

Assistant Professor Mead.

Introduction to Logic. M.

Assistant Professor Angell.

Introduction to Psychology. M.

Dr. Smith.

Introduction to the Study of Philosophy. M.

Kant's Critique of Pure Reason. M.

II. POLITICAL ECONOMY.

Mr. Howerth.

Political Economy. M.

III. POLITICAL SCIENCE.

Mr. Conger.

The Geography of Europe. M.

Dr. Blakely.

Civil Government in the United States. M.

Mr. Ogden.

English Constitutional History.

Constitutional History and Law of the United States.

Mr. Miller.

Civil Government in the United States.

IV. HISTORY.

Dr. Wirth.

Grecian History. M.

Roman History. M.

Mr. Baldwin.

Nineteenth Century History. M.

Mr. Rosseter.

American History. M.

Mr. Rullkoetter.

Mediæval History. M.

English History. M.

Mr. Page.

American History.

History of Illinois.

VI. SOCIOLOGY AND ANTHROPOLOGY.

Associate Professor Henderson.

Voluntary Associations for Social Amelioration. M.

Mr. Fulcomer.

Introduction to Sociology. M.

History of Sociology. M.

Dr. Max West.

General Sociology. M.

Dr. Gerald M. West.

General Anthropology. M.

Mr. Howerth.
Sociology.
Social Evolution. M.

XI. THE GREEK LANGUAGE AND LITERATURE.

Mr. Votaw.
Studies in Biblical Greek.

Mr. Sayrs.
Greek for Beginners.
Xenophon's Anabasis.
Homer's Iliad.

XII. THE LATIN LANGUAGE AND LITERATURE.

Assistant Professor Miller.
The Historical Development of Latin Satire. M.

Mr. Orr.
Cæsar for Beginners. M.
Virgil. M.
Cicero. M.

Mr. Moore.
Virgil's Georgics.
Horace.

XIII. ROMANCE LANGUAGES.

Mr. de Compigny.
Elementary French.
Reading Course.
Practical French for Beginners.
Conversational French.

Miss Scharff.
French Literature. M.

XIV. GERMANIC LANGUAGES AND LITERATURES.

Dr. von Klenze.
Goethe's Lyrical Poetry as an Exponent of His Life. M.

Mr. Mulfinger.
Elementary German. M.
Modern Prose. M.

Dr. Dahl.
Studies in Scandinavian Literature.

XV. THE ENGLISH LANGUAGE AND LITERATURE, AND RHETORIC.

Mr. Lovett.
Rhetoric. DM.
English Composition. M.

Mr. Triggs.
Studies in Nineteenth Century Literature.

Mr. Page.
History of American Literature.

Mr. Squires.
English Romantic Poetry.

Mr. Henry.
English Romantic Poetry.
Studies in Tennyson. M.

Mr. Woods.
English Grammar.
Chaucer.

XVI. BIBLICAL LITERATURE.

Dr. Kent.
Outlines of Hebrew History.

Mr. Votaw.
The Teaching of Jesus.
Studies in Biblical Greek.
The Gospel of Matthew in Greek.

XVII. MATHEMATICS.

Mr. Cobb.
Plane Geometry.
Solid Geometry.
Elementary Algebra.
Review Course in Algebra.

XVIII. ASTRONOMY.

Dr. Laves.
General Astronomy. M.

XX. CHEMISTRY.

Mr. Morse.
Elementary Chemistry. M.

XXI. GEOLOGY.

PROFESSOR SALISBURY.

Geographic Geology. M.

The Evolution of the North American Continent. M.

MR. KÜMMEL.

Geographic Geology. M.

XXII. ZOÖLOGY.

MR. GARREY.

Elementary Course in the Morphology of Vertebrates. M.

MR. WHITNEY.

Elementary Zoölogy.

XXIV. PHYSIOLOGY

MR. MITCHELL.

General Physiology.

XXVII. BOTANY.

MR. CLARKE.

Botany.

Plant Evolution.

MR. LUCAS.

Elementary Course in Plant Morphology.

Practical Botany.

THE CORRESPONDENCE-STUDY DEPARTMENT.

OLIVER J. THATCHER, *Secretary.*

NOTE.—Instruction by correspondence may be either formal or informal. In formal correspondence, the work is carried on in much the same way as in the class room, by means of a definite number of lesson and recitation papers. In informal correspondence, no formal lesson papers are given. The work to be done is carefully planned by the instructor, the necessary directions are given, and ordinarily a thesis or paper is required of the student, who is free at all times to ask for help and advice as difficulties arise. This method is employed only with graduate students.

I. PHILOSOPHY.

Psychology. MM.

Logic. M.

General History of Greek and Mediæval Philosophy. MM.

Associate Professor Tufts offers instruction by informal correspondence in the History of Philosophy.

II. POLITICAL ECONOMY.

Principles of Political Economy. MM.

III. POLITICAL SCIENCE.

Head Professor Judson offers instruction by informal correspondence in Political Science.

IV. HISTORY.

Roman History to the Death of Augustus. M.

Greek History to the Death of Alexander. M.

History of the United States. M.

The History of England till the Accession of the Tudors. MM.

The History of Europe from the Invasion of the Barbarians till the Death of Charlemagne. M.

The History of Europe from 800 to 1500 A.D. MM.

The Period of Discovery and Exploration in America. M.

The Colonial Period and the War of the Revolution MM.

The Political History of the Confederation, from the union of the Colonies against Great Britain to the formation of a National Government. M.

The Political History of the United States, from the formation of the National Government to the period of dominant foreign politics (1789–1815). M.

The Political and Constitutional History of the United States, from the formation of the Confederation to the War of Secession, continued, M.

Dr. Shepardson offers instruction by informal correspondence in the History of the United States.

VI. SOCIOLOGY AND ANTHROPOLOGY.

The Methodology of Social Science. Open only to those who read both French and German fluently. MM.

Introduction to the study of the Dependent, Defective, and Delinquent Classes, and their Social Treatment. Two consecutive Majors.

The Family. M.

Non-economical and non-political Social Groups. M.

Anthropology. Elementary Course. MM.

VII. COMPARATIVE RELIGION.

Associate Professor Goodspeed offers instruction by informal correspondence in Buddhism and other religions.

VIII. SEMITIC LANGUAGES AND LITERATURES.

Beginning Hebrew. M.

Intermediate Hebrew. M.

Exodus and Hebrew Grammar. M.

Haggai, Zechariah, and Malachi, with Hebrew Syntax. M.

Arabic for beginners. MM.

Assyrian for beginners. M.

Head Professor Harper offers instruction by informal correspondence in Hebrew.

IX. BIBLICAL AND PATRISTIC GREEK.

Beginning New Testament Greek. M.

Intermediate New Testament Greek. M.

The Acts of the Apostles. M.

Head Professor Burton offers instruction by informal correspondence in the Greek New Testament.

X. SANSKRIT AND INDO-EUROPEAN PHILOLOGY.

Sanskrit for Beginners. MM.

XI. GREEK LANGUAGE AND LITERATURE.

Greek Primer for Beginners. Two and one-half consecutive Majors.

Xenophon's Anabasis, Books II-III. MM.

Xenophon's Anabasis, Books IV–V. MM.

Homer's Iliad, I Book. MM.

Homer's Iliad, Books II–IV. MM.

Xenophon's Memorabilia. MM.

Lysias, Selected Orations, History of Greek Prose Literature. MM.

Demosthenes, De Corona. MM.

Professor Shorey offers instruction by informal correspondence in Greek.

XII. THE LATIN LANGUAGE AND LITERATURE.

Latin Primer for Beginners. Two consecutive Majors.

Cæsar, Book II. MM.

Cæsar, Books III–IV. MM.

Cæsar, Book I, advanced. M.

Cicero. MM.

Cicero. MM.

Virgil, Book I. MM.

Virgil, Books II–III. MM.

Virgil, Books IV–VI. MM.

Cicero, De Senectute. Writing of Latin. M.

Livy, Selections. Writing of Latin. M.

Odes of Horace. Books I–II. MM.

Latin Prose Composition, based on Daniel's exercises from Cæsar and Cicero respectively. Two Minors.

Assistant Professor Miller offers graduate instruction by informal correspondence in the historical development of Roman Satire; also an advanced course in Latin prose composition based upon Preble and Parker's "Handbook of Latin writing."

XIII. ROMANCE LITERATURE AND PHILOLOGY.

French for Beginners. In two consecutive Majors.

XIV. GERMAN LANGUAGES AND LITERATURES.

German for Beginners. MM.

German, advanced. MM.

Associate Professor Cutting, Assistant Professor Schmidt-Wartenberg, and Dr. von Klenze offer instruction by informal correspondence in German Literature.

XV. THE ENGLISH LANGUAGE, LITERATURE, AND RHETORIC.

Rhetoric and Composition. MM.

Advanced Composition. A course in daily theme writing. MM.

Outline History of English Literature and the Study of Masterpieces. MM.

Studies in Tennyson. M.

Studies in Browning. M.

Studies in Matthew Arnold and Rosetti. M.

Studies in Shakespeare. MM.

The Beginnings of the English Romantic Movement. Studies in English Literature from 1725 to 1775. MM.

English Romantic Poetry from 1750–1830. Studies in Cowper, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats, etc. MM.

Assistant Professor Blackburn offers instruction by informal correspondence in Old English.

XVI. BIBLICAL LITERATURE IN ENGLISH.

Samuel, Saul, David, and Solomon. M.

The Life of Christ in connection with the Gospel of Luke. M.

The Gospel of John. M.

The Founding of the Apostolic Church. First Half. M.

XVII. MATHEMATICS.

Algebra. Three successive Majors.

Plane Geometry. Three successive Majors.

Solid Geometry. M.

College Algebra. MM.

Theory of Equations. M.

Plane Trigonometry. MM.

Special Trigonometry. M.

Analytic Geometry. MM.

Calculus. Two consecutive Majors.

Analytic Geometry. Advanced course. MM.

Analytic Mechanics. MM.

Differential Equations. Two consecutive Majors.

Professor Moore offers instruction by informal correspondence in higher Mathematics.

XLV. CHURCH HISTORY.

The Apostolic Church. MM.

The Protestant Reformation. Two consecutive Majors.

ORDER OF EXAMINATIONS FOR ADMISSION.

FOR THE SPRING QUARTER, 1895.

WEDNESDAY, MARCH 20, 1895.

Latin 3)	9:00—10:00	German 1)	2:00—3:00
Latin 1)	10:00—11:00	German 2)	3:00—4:00
History of the United States	11:00—11:30	Greek 4)	3:00—4:00
History of Greece	11:30—12:15	Algebra	4:00—5:00
Latin 2)	12:15—12:45		

THURSDAY, MARCH 21, 1895.

German 3)	9:00—10:00	English	2:00—3:30
Greek 3)	9:00—10:00	Solid Geometry	3:30—4:15
French 2)	9:00—10:15	History of Rome	4:15—5:00
French 1)	10:15—11:00		
Greek 1)	11:00—12:15		

FRIDAY, MARCH 22, 1895.

Plane Geometry	9:00—10:00	Latin 4)	1:30—2:45
Physics	10:00—11:30	Geology, Astronomy, Physiography	1:30—2:30
History 2 a)	11:30—12:30	Biology (Zoölogy and Botany)	2:30—3:30
		Latin 5)	2:45—3:30
		Greek 2)	3:30—4:00
		Chemistry	3:30—5:00

EXAMINATIONS FOR ADMISSION.

FOR THE SUMMER QUARTER, 1895, JUNE 19, 20, and 21, 1895.

FOR THE AUTUMN QUARTER, 1895, SEPTEMBER 18, 19, and 20, 1895.

NOTE.—*The order of examinations is the same each Quarter.*

CALENDAR FOR 1895.

Jan. 1.	Tuesday	NEW YEAR'S DAY; a holiday. FIRST TERM of Winter Quarter begins.
Jan. 2.	Wednesday	MATRICULATION and REGISTRATION of incoming students. WINTER MEETING of the *University Convocation.*
Jan. 31.	Thursday	DAY OF PRAYER for Colleges.
Feb. 8.	Friday	WINTER MEETING of the *University Union.*
Feb. 11.	Monday	FIRST TERM of Winter Quarter ends.
Feb. 12.	Tuesday	LINCOLN'S BIRTHDAY; a holiday. SECOND TERM of Winter Quarter begins.
Feb. 22.	Friday	WASHINGTON'S BIRTHDAY; a holiday.
Mar. 8.	Friday	LAST DAY for handing in *registration cards* for Spring Quarter.
Mar. 20-22.	Wednesday Thursday Friday	QUARTERLY EXAMINATIONS, and SPRING EXAMINATIONS for *admission to the Academic Colleges.*
Mar. 23.	Saturday	LAST DAY for handing in *Theses for the Doctorate* and *the Degree of Bachelor of Divinity* or *Theology* to be conferred at the *July Convocation.*
Mar. 24.	Sunday	SECOND TERM of Winter Quarter ends.
Mar. 25–31.		QUARTERLY RECESS.
April 1.	Monday	FIRST TERM of Spring Quarter begins. MATRICULATION and REGISTRATION of incoming students. SPRING MEETING of the *University Convocation.* LAST DAY for receiving applications for fellowships.
April 7.	Sunday	CONVOCATION SERMON.
May 1.	Wednesday	ANNUAL ASSIGNMENT of *Fellowships.*
May 11.	Saturday	FIRST TERM of Spring Quarter ends.
May 13.	Sunday	SECOND TERM of Spring Quarter begins.
May 30.	Thursday	MEMORIAL DAY; a holiday.
June 1.	Saturday	LAST DAY for handing in *Registration Cards* for Summer Quarter.
June19-21.	Wednesday Thursday Friday	QUARTERLY EXAMINATIONS, and SUMMER EXAMINATIONS for *admission to the Academic Colleges.*
June 22.	Saturday	SECOND TERM of Spring Quarter ends. LAST DAY for handing in *Theses for the Doctorate* and the *Degree of Bachelor of Divinity* or *Theology* to be conferred at the *October Convocation.*
June 23-30		QUARTERLY RECESS.
July 1.	Monday	FIRST TERM of Summer Quarter begins. MATRICULATION and REGISTRATION of incoming students. SUMMER MEETING of the *University Convocation.*
July 4.	Thursday	INDEPENDENCE DAY; a holiday.
July 7.	Sunday	THE CONVOCATION SERMON.
Aug. 10.	Saturday	FIRST TERM of Summer Quarter ends.
Aug. 11.	Sunday	SECOND TERM of Summer Quarter begins.
Sept. 2.	Monday	LAST DAY for handing in *registration cards* for Autumn Quarter.
Sept. 18-20.	Wednesday Thursday Friday	QUARTERLY EXAMINATIONS, and AUTUMN EXAMINATIONS for *admission to the Academic Colleges.*
Sept. 21.	Saturday	SECOND TERM of Summer Quarter ends. LAST DAY for handing in *Theses for the Doctorate* and *the Degree of Bachelor of Divinity* or *Theology,* to be conferred at the *January Convocation.*
Sept. 22-30.		QUARTERLY RECESS.
Oct. 1.	Tuesday	FIRST TERM of Autumn Quarter begins. MATRICULATION and REGISTRATION of incoming students. AUTUMN MEETING of the *University Convocation.*
Oct 6.	Sunday.	THE CONVOCATION SERMON.
Nov. 8.	Friday	AUTUMN MEETING of the *University Union.*
Nov. 9.	Saturday	FIRST TERM of Autumn Quarter ends.
Nov. 10.	Sunday	SECOND TERM of Autumn Quarter begins.
Nov. 28.	Thursday	THANKSGIVING DAY; a holiday.
Dec. 2.	Monday	LAST DAY for handing in *registration cards* for Winter Quarter.
Dec. 18-20.	Wednesday Thursday Friday	QUARTERLY EXAMINATIONS, and WINTER EXAMINATIONS for *admission to the Academic Colleges.*
Dec. 21.	Saturday	SECOND TERM of Autumn Quarends. LAST DAY for handing in *Theses for the Doctorate* and *the Degree of Bachelor of Divinity* or *Theology* to be conferred at the *April Convocation.*
Dec. 23-31.		QUARTERLY RECESS.

STATED MEETINGS.

TRUSTEES, FACULTIES, AND BOARDS.

The *Board of Trustees* holds stated meetings on the last Tuesday of each month.

The monthly meetings of *Faculties and Administrative Boards* are held on Saturdays, from 8:30 A.M. to 1:00 P.M. as follows:

First Saturday.

8:30– 9:30—Administrative Board of Physical Culture and Athletics.

9:30–11:00—Administrative Board of the Academic Colleges.

11:00– 1:00—The University Senate.

Second Saturday.

8:30– 9:30—Administrative Board of Affiliations.

9:30–11:00—The University Council.

1:00– 1:00—Faculty of Morgan Park Academy.

Third Saturday.

8:30– 9:30—Administrative Board of the University Press.

9:30–11:00—Joint meeting of the Administrative Boards of the Graduate School of Arts and Literature, and the Ogden (Graduate) School of Science.

11:00– 1:00—The Faculty of Arts, Literature, and Science.

Fourth Saturday.

8:30– 9:30—Administrative Board of the University Colleges.

9:30–11:00—Administrative Board of Libraries, Laboratories, and Museums.

11:30– 1:00—The Divinity Faculty.

The University Extension Faculty meets on the first Monday, at 5:00 P.M.

OFFICIAL PUBLICATIONS OF THE UNIVERSITY OF CHICAGO.

The Annual Register is issued about July 1st of each year. It contains a full statement in respect to the organization of the University, the Faculties, the Courses offered during the year, lists of students, requirements for admission, regulations governing the various schools and colleges of the University, an historical statement concerning the University, University clubs and organizations, etc.

The Quarterly Calendar is issued about the first day of May, August, November, February, and contains an historical statement of the University work of the preceding quarter, the registration of students during the quarter, and lists of courses of instruction to be offered during succeeding quarters.

The Circular of Information concerning the Departments of Arts, Literature, and Science contains full information as to admission to the Schools and Colleges of these departments and statements concerning the requirements for degrees.

The Circular of Information of the Divinity School contains all information concerning the Divinity School, courses, admission, etc.

The Circular of Information of the University Extension Division contains lists of lectures and courses offered, statement of correspondence work, class work, etc.

Departmental Programmes are issued by all the departments of instruction, and give details of the work of the departments that cannot be given in the REGISTER or the CALENDARS.

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AUGUST, 1895.

QUARTERLY ANNOUNCEMENTS

OF

The University of Chicago

FOUNDED BY JOHN D. ROCKEFELLER.

[REPRINTED FROM THE QUARTERLY CALENDAR.]

The University in General.

THE AUTUMN CONVOCATION.

Oct. 1, *Tuesday.*

First Term of Autumn Quarter begins.

8:30 A.M. to 12:30 P.M., and 2:00 to 4:30 P.M., Matriculation and Registration of Incoming Students.

12:30 P.M., Chapel Service.

4:00 P.M., The Autumn Convocation.

The University Quadrangle.

8:00–11:00 P.M., The President's Reception.

59th St. and Lexington Av.

Oct. 2, *Wednesday.*

8:30 A.M., The Lectures and Recitations of the Autumn Quarter begin.

Oct. 6, *Sunday.*

3:30 P.M., Vesper Service.

Theatre, Kent Chemical Laboratory.

PRIZES.

THE HIRSCH SEMITIC PRIZE.

The *Hirsch Semitic Prize* of $150.00 is awarded each year for the best paper prepared by a student at the University upon a Semitic subject. The next papers are to be submitted on January 1, 1896. The subjects on which competitors may write are the following:

1) The Language of the Assyrian Historical Inscriptions to be treated by Periods.
2) The Syntax of the Imperfect in the Semitic Languages.
3) The Editing of an Arabic or Syriac Manuscript, or of an Assyrian or Babylonian Text.
4) The Hebrew Sabbath.

THE BASTIN PRIZE.

The *Ellen B. Bastin Prize* of not less than $50.00, offered by the Philosophy and Science department of the Chicago Women's Club, is to be given to the woman studying at the University of Chicago who presents the best paper embodying the results of her own original research in any of the Natural Sciences. Papers presented in competition are to be handed to the Dean of Women, not later than June 1st.

Committee of Awards for 1895: Professors Donaldson, Michelson, Loeb, and Marion Talbot.

WALKER PRIZES IN NATURAL HISTORY.

By the provisions of the will of the late Dr. William Johnson Walker, two prizes are annually offered by the *Boston Society of Natural History* for the best memoirs written in the English language on subjects proposed by a committee, appointed by the Council.

For the next best memoir, a prize not exceeding fifty dollars may be awarded.

Prizes will not be awarded unless the memoirs presented are of adequate merit.

The competition for these prizes is not restricted, but open to all.

Each memoir must be accompanied by a sealed envelope enclosing the author's name and superscribed with a motto corresponding to one borne by the manuscript, and must be in the hands of the Secretary on or before April 1, of the year for which the prize is offered.

Subjects for 1895:

(1) A study of the "Fall line" in New Jersey.
(2) A study of the Devonian formation of the Ohio basin.
(3) Relations of the order Plantaginaceæ.
(4) Experimental investigations in morphology or embryology

Subjects for 1896:

(1) A study of the area of schistose or foliated rocks in the eastern United States.
(2) A study of the development of river valleys in some considerable area of folded or faulted Appalachian structure in Pennsylvania, Virginia, or Tennessee.
(3) An experimental study of the effects of close fertilization in the case of some plant of short cycle.
(4) Contributions to our knowledge of the general morphology or the general physiology of any animal except man.

NOTE.—In all cases the memoirs are to be based on a considerable body of original work, as well as on a general view of the literature of the subject.

SAMUEL HENSHAW, *Secretary.*

Boston Society of Natural History,
BOSTON, MASS., U. S. A.

THESES AND EXAMINATIONS.

DOCTORS' THESES AND EXAMINATIONS FOR ADVANCED COURSES.

Students who are candidates for the higher degrees at the January Convocation, 1896, will note the following announcements:

1. Students who are candidates for the Doctor's Degree must submit their thesis, the subject of which has already been approved, in written form to the Head or Acting Head of the Department, on or before Saturday, September 21.
2. Students who are candidates for the Master's Degree will submit their thesis in written form on or before Saturday, November 30.
3. Students who are candidates for the degree of Bachelor of Divinity or Bachelor of Theology must submit their thesis on or before Saturday, September 21.
4. In all cases the applicants will present in writing to the proper dean a statement indicating the date at which they will be prepared to take the final examination.

HOLIDAYS AND OTHER SPECIAL DAYS.

The First Term of the Summer Quarter, 1895, ends on Sunday, August 11.

The Summer Quarter ends on Saturday, September 21, with a recess from September 22 to 30.

The Autumn Quarter begins on Tuesday, October 1, 1895.

The First Term of the Autumn Quarter ends on Monday, November 11.

Thursday, November 28, *Thanksgiving Day*; a holiday.

REGISTRATION AND SPECIAL EXAMINATIONS.

Saturday, September 7, is the last day for students in residence to hand in their registration cards for the Autumn Quarter.

Students entering the University for the first time or resuming work after an absence of a term or a longer period must register on or before Tuesday, October 1, 1895.

On registration the student's card will in every case be countersigned by the Registrar. A registration fee of $5.00 will be paid at that time. **This fee will be remitted if registration is effected on or before the assigned dates.**

Examinations at other than the regular dates may be given only at the University, and only by special permission of the Examiner and upon the payment of a fee of not less than $10.00 nor more than $15.00.

QUARTERLY EXAMINATIONS.

The Quarterly examinations for the current Spring Quarter will be held September 18–20. One half day will be devoted to each exercise, in the order of the daily programme, as seen in the following scheme:

EXERCISE.	EXAMINATION.
8:30 A.M.	Wednesday, September 18, A.M.
9:30 A.M.	Wednesday, September 18, P.M.
10:30 A.M.	Thursday, September 19, A.M.
11:30 A.M.	Thursday, September 19, P.M.
2:00 P.M.	Friday, September 20, A.M.
3:00 P.M.	Friday, September 20, P.M.

Exercises occurring at 7:30 A.M. and at or after 4:00 P.M. will have their examinations on Saturday, September 21.

The hours of the morning examinations will be from 9 to 12, of the afternoon examinations from 2 to 5.

During the examinations, the usual lectures and recitations will be suspended.

CIRCULARS OF INFORMATION.

The Circulars of Information which are reprints of certain portions of the UNIVERSITY REGISTER will be sent upon application.

The Circular of Information concerning THE DEPARTMENTS OF ARTS, LITERATURE, AND SCIENCE contains in Part I. a statement of the dates upon which various University events occur, a list of departments of instruction, the terms of admission to the *Graduate Schools*, conditions of candidacy for the degrees of master of arts, master of science master of philosophy and doctor of philosophy; statements concerning University fellowships, special fellowships, graduate scholarships, and docentships, the method of application for the same; statements concerning theses and examinations, departmental journals and other departmental publications, regulations governing the selection of courses, non-resident work, rooms and fees. Part II. of the circular describes the organization of the various *Colleges*, contains the regulations governing the admission of students to advanced standing, the admission of unclassified students, the selection of courses, average annual expenses, the students' fund society, the employment bureau, scholarships, the conditions of candidacy for the degrees of bachelor of arts, bachelor of philosophy, and bachelor of science; the requirements for admission to the Academic Colleges, the regulations governing the examinations for admission, and the courses of study in the Academic Colleges; the work of the Academic Colleges in general and in detail, together with the order of examinations for admission.

The Circular of Information concerning THE DIVINITY SCHOOL contains an historical statement, a list of the officers of government and instruction, the courses for the current year in the Graduate Divinity School, the Dano-Norwegian Theological Seminary, and Swedish Theological Seminary; articles upon the purpose and constituency of the Divinity School, the terms of admission, departments of instruction, regulations governing the selection of courses, conditions of candidacy for degrees or certificates, theses and examinations, the library, fellowships, opportunities for religious work, special regulations, expenses and opportunities for self-help.

The Circular of Information concerning THE UNIVERSITY EXTENSION DIVISION is issued in three separate parts. Part I. relates to the work of the *Lecture-study Department.* It contains (1) information relating to the general plan of University Extension lecture-studies and to the credit extended for the work done, directions in reference to organization,

information as to expenses of the courses of lectures, and other information helpful to local Committees in organizing and promoting the work of University Extension in their towns; (2) a list of the lecturers, with a full statement of the subjects of their courses and also of the separate lectures included in each course.

Part II. relates to the work of the *Correspondence teaching Department.* It contains (1) general information relating to the purpose and method of instruction offered by Correspondence, the relation of Correspondence students to the University, the credit which they receive for the work, and other information for the guidance of those who desire to receive University instruction by Correspondence; (2) courses of instruction offered in this Department.

Part III. relates to the work of the *Class-work Department.* It contains (1) general information as to the aim, method, and organization of the work, the relation of Class-work students to the University, the regulation for examinations, the credit for the work done, and the regulations governing the selection of courses; (2) a full statement of the classes organized and the work offered in the Class-work Department of the University Extension Division.

The University Academy at Morgan Park also issues a Calendar, which will be sent upon application, giving a list of the officers of government and instruction, and containing information in regard to the requirements for admission, the courses of study, average expenses, scholarships, self-help, the dormitories, special regulations, together with a description of the buildings and grounds and a list of the students in attendance during the current year.

The University (Proper).

ANNOUNCEMENT OF COURSES OFFERED BY THE FACULTY OF ARTS, LITERATURE, AND SCIENCE.

JULY 1, 1895, TO JULY 1, 1896.

NOTE.—The following is a list of the titles of courses to be given in the University from July 1, 1895, to July 1, 1896. For a complete description of the courses consult the ANNUAL REGISTER and the DEPARTMENTAL PROGRAMMES.

SPECIAL NOTICE—**Hour and place of the exercises** are printed in **bold-face type** after the title of the course. The number at the head of each course indicates its number in Register and Programme.

ABBREVIATIONS.—A, B, C, D refer to the floors in Cobb Lecture Hall, beginning with the ground floor as A. The rooms are numbered. K=Kent Chemical Laboratory, R=Ryerson Physical Laboratory, W=Walker Museum.

The abbreviations used in the description of the courses are: M—Minor, DM—Double Minor, MM—Major, DMM—Double Major.

REGISTRATION.—Students in residence must register for the Autumn Quarter on or before Saturday, September 7; the registration card and course cards may be obtained from the Dean. The student will (1) write upon the registration card his full name, matriculation number, and Chicago address; (2) write upon each course card his full name, together with the number of the department and the number of the course desired; (3) deposit the cards thus filled out with the Dean, and (4) receive from the Dean a class-ticket. No student is registered or entitled to admission to a course until the cards are accepted by the deans.

Students entering the University for the first time or resuming work after an absence of a Quarter or a Term must register on or before Tuesday, October 1.

On registration the student's card will in every case be countersigned by the Registrar. A registration fee of $5 00 will be paid at that time. **This fee will be remitted if registration is effected on or before the assigned dates.**

I. A. AND B.—PHILOSOPHY AND PEDAGOGY.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
1 Introductory Psychology[1] (*Angell*) DM 8:30; R 33 4*b* Movements of Thought in 19th Century (*Tufts*) M First Term 9:30; C 17 5 Kant's Critique of Pure Reason (*Tufts*) M or MM First Term 8:30; C 17 19 Psychology, Laboratory Course (*MacLennan*) M Each Term R 33 20 Advanced Psychology (*Angell*) DM 10:30; R 33	1 Introductory Psychology[1] (*Angell* and *Moore*) DM Section A: 10:30; R 33 Section B: 11:30; R 33 4 History of Philosophy[3] (*Tufts*) DM 9:30; C 17 5 Kant's Critique of Pure Reason (*Tufts*) DM 10:30; C 17 8 Kant Seminar[4] (*Tufts*) DM Tues. 4:00–6:00; C 14 11 Seminar, History of Logic (*Dewey*) DM Wed. 3:00–5:00; C 14 13 Logic of Ethics (*Dewey*) DM 9:30; C 13 21 Experimental Psychology (*Angell* and *Moore*) DM 8:30; R 33 22 Psychology, Research Course (*Angell*) DM R 33	2 Introductory Ethics[2] (*Dewey*) DM 9:30; C 13 4 History of Philosophy[3] (*Tufts*) DM 8:30; C 17 8 Kant Seminar (*Tufts*) DM Tues. 4:00–6:00; C 14 11 Seminar, History of Logic (*Dewey*) DM Wed. 3:00–5:00; C 14 14 Psychological Ethics[5] (*Dewey*) 9:30; C 13 21 Experimental Psychology (*Angell* and *Moore*) DM 8:30; R 33 22 Psychology, Research Course (*Angell*) DM R 33 23 Comparative Psychology (*Mead*) DM 10:30; C 17 24 Methodology of Psychology (*Mead*) DM 11:30; C 17	3 Logic (*Mead*) DM 9:30; C 17 4*a* Thought in 18th and 19th Centuries[3] (*Tufts*) DM 8:30; C 17 8 Kant Seminar (*Tufts*) DM Tues. 4:00–6:00: C 14 10 Matter and Motion (*Mead*) DM 11:30; C 17 11 Seminar, History of Logic (*Dewey*) DM Wed. 3:00–5:00; C 14 15 Political Ethics (*Dewey*) DM 9:30; C 13 22 Psychology, Research Course (*Angell*) DM R 33 25 Morbid Psychology (*Strong*) M First Term 8:30; C 13 26 Psychology and Philosophy (*Strong*) M Second Term 8:30; C 13 27 Seminar in Psychology (*Strong*) DM Sat. 10:30–12:30; C 14
1 History of Education (*Thurber*) DM 10:30; C 13 2 Institutes of Pedagogy (*Thurber*) DM 11:30; C 13	3 General Pedagogy (*Bulkley*) DM 11:30; C 13 7 Seminar in Pedagogy (*Bulkley*) DM C 14	4 Pestalozzi and Herbart (*Bulkley*) DM 8 Seminar in Spencer (*Bulkley*) DM	5 English Pedagogy (*Bulkley*) DM 9 Seminar, Herbart (*Bulkley*) DM

PREREQUISITES AND REMARKS.

[1] Required Philosophy; Prerequisite: 12 Majors College work.
[2] Required Philosophy; Prerequisite: Course 1.
[3] Courses 4 and 4*a* form a continuous course of three Double Minors, but 4*a* may be taken separately.
[4] Prerequisite: An introductory course in Kant, and ability to read German. Those who have taken Course 5 may join 8 in the Winter Quarter.
For advanced students taking Course 2.

II. Political Economy.

SUMMER	AUTUMN	WINTER	SPRING
1 Principles of Political Economy (*Miller*) DM Tues.–Fri. 9:30; C 3 1A Advanced Political Economy[1] (*Miller*) DM Tues.–Fri. 10:30; C 3	1 Principles of Political Economy, repeated DM Sec. *a* (*Hill*) 8:30; C 3 Sec. *b* (*Closson*) 9:30; C 3 5 History of Political Economy (*Closson*) DM 8:30; C 10 7 Socialism (*Veblen*) DM 10:30; C 3 9 Money (*Laughlin*) DM 11:30; C 3 10 Statistics (*Gould*) DM 11:30; C 9 11 Advanced Statistics (*Gould*) DM 2:00; C 9 13 Tariff History (*Hill*) DM 11:30; C 8 15 Finance (*Closson*) DM 2:00; C 3 20 Seminar (*Laughlin*) DM 3:00; C 3	1A Advanced Political Economy, repeated (*Hill*) DM 1B Descriptive Political Economy (*Closson*) DM 3 Scope and Method of Political Economy (*Closson*) DM 7 Socialism, continued (*Veblen*) DM 9 Money, continued (*Laughlin*) DM 12 Railway Transportation (*Hill*) DM 20 Seminar, continued (*Laughlin*) DM	4 Unsettled Problems (*Laughlin*) DM 8A Social Economics (*Closson*) DM 14 Financial History of the United States (*Hill*) DM 16 Agriculture (*Veblen*) DM 17 Banking (*Hill*) DM 18 Oral Debates (*Closson, Hill, Lovett*) DM 20 Seminar, continued (*Laughlin*) DM

Remarks.

[1] Open only to students who elect either 1A or 1B in the Winter Quarter.

III. Political Science.

SUMMER	AUTUMN	WINTER	SPRING
12 American State Government (*Judson*) M First Term 9:30; C 9 13 Municipal Government (*Judson*) M First Term 10:30; C 9 71 Geography of Europe—Physical, Historical and Political[5] (*Conger*) MM First Term 8:30 and 3:00; C 9	1 Civil Government[1] (*Judson*) DM 9:30; C 9 10 Seminar (*Judson*)[2] DM Tues. 4:00–6:00; C 1 21, 22 International Law (*Judson*) DM 10:30; C 9 25 Administrative Law[3] (*Freund*) DM 9:30; C 10 31 General Jurisprudence[3] (*Freund*) DM 11:30; C 10	* 2 Constitutional Law (*Judson*) DM 9:30; C 9 *10 Seminar (*Judson*)[2] DM Tues. 4:00–6:00; C 1 *11 Comparative Politics—National (*Judson*) DM 10:30; C 9 26 Administrative Law[3] (*Freund*) DM 9:30; C 10 32 Historical Jurisprudence[3] (*Freund*) DM 11:30; C 10	1 Civil Government[1] (*Mosley*) DM 9:30; C 9 27 The Judicial Power[4] (*Freund*) DM 9:30; C 10 33 Roman Law[4] (*Freund*) DM 10:30; C 10

* These courses may be given in the Spring Quarter instead of the Winter Quarter. Announcement will be made in the Autumn Calendar.

Remarks.

[1] Course 1 should precede any other course; *Prerequisite*: History 1 and 2; History 53 and 54 are recommended as preliminary.
[2] Course 10 is exclusively for Graduate Students.
[3] Course 26 should be preceded by Course 25, and Course 32 by Course 31.
[4] Courses 27 and 33 should be preceded by two or three of the other courses.
[5] Course 71 is an introduction to European History. It is divided, and either part may be taken as a Minor.

IV. History.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
1 Outline of Mediæval History (*Thatcher*) DM 8:30; C 3 2 Outline of Modern Europe (*Schwill*) DM 10:30; C 8	1 Mediæval History, repeated (*Thompson*) DM 8:30; C 8 2 Outline of Modern Europe, repeated (*Schwill* and *Catterall*) DM Sec. *a* (*Schwill*) 8:30; C 9 Sec. *b* (*Catterall*) 9:30; C 8 Sec. *c* (*Catterall*) 3:00; C 8	1 Mediæval History, repeated (*Thompson*) DM 2 Outline of Modern Europe, repeated (*Catterall*) DM	1 Mediæval History, repeated (*Thompson*) DM 2 Outline of Modern Europe, repeated (*Schwill* and *Catterall*) DM
3 Introduction to Study of Modern History (*Terry*) MM Second Term Tues.–Fri. 7:30 and 9:30; C 7 4 The Protestant Reformation and the Religious Wars (*Catterall*) MM First Term 8:30 and 11:30; C 8	4 The Protestant Reformation, repeated (*Catterall*) DM 10:30; C 8	5 The French Revolution, repeated (*Catterall*) DM	6 History of the United States from 1789–1861 (*Shepardson*) DM
71 (Political Science Department) Geography of Europe (*Conger*) MM First Term 8:30 and 3:00; C 9 5 The French Revolution and the Napoleonic Wars (*Thompson*) MM Second Term 8:30 and 11:30; C 8 7 The History of Antiquity to the Persian Empire (*Goodspeed*) MM Second Term 10:30–12:30; D 16 14*a* History of Egypt (*Breasted*) DM 3:00; D 16 19 Teachers' Course in Greek History (*Wirth*) DM 7:30; C 8	7 The History of Antiquity to the Persian Empire, repeated (*Goodspeed*) DM 2:00; D 16 21 The History of Rome from the Earliest Times to the Antonines (*Wirth*) DM 4:00; C 8 24 The Transition Period (*Terry*) DM 4:00; C 7 31 The Founding of the Modern French Monarchy (*Thompson*) DM 2:00; C 8 32 The Renaissance (*Schwill*) DM 9:30; C 11	12 Introduction to the History of the Hebrew Monarchy (*Goodspeed*) DM Tues. and Fri. 4:00–6:00 D 16 22 The History of Rome, continued (*Wirth*) DM 25 The Transition Period, continued (*Terry*) DM 4:00; C 7 28 England under the Stuarts (*Catterall*) DM 33 The Renaissance, continued (*Schwill*) DM	13 Hebrew and Egyptian History (*Goodspeed*) M First Term Mon. and Tues. 4:00–6:00; D 16 14 Hebrew and Babylonian History (*Goodspeed*) M Second Term Mon. and Tues. 4:00–6:00; D 16 15 History of Greece to Death of Alexander (*Goodspeed*) DM Tues. and Fri. 4:00–6:00; D 16 23 The History of Rome, continued (*Wirth*) DM 26 The Transition Period, continued (*Terry*) DM 4:00; C 7

IV. History—*Continued*

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
50 Europe in the Early XIX. Century (*von Holst*) M First Term 8:30; C 7 53 The History of the U. S. Colonial Period to 1789 (*Shepardson*) M First Term 10:30; C 7 54 The History of the U. S. from 1789 (*Shepardson*) M Second Term 10:30; C 7	39 The Swiss Reformation (*Johnson*) DM 44 The French Revolution (*von Holst*) DM 3:00; C 9 51 The History of the U. S. from the Missouri Compromise (*Shepardson*) DM 10:30; C 13	41 Holland and the Reformation, a Seminar (*Hulbert*) DM 45 The French Revolution continued (*von Holst*) DM 52 The U. S. from the Missouri Compromise, continued (*Shepardson*) DM	40 The Reformation in France (*Moncrief*) DM 43 The Rise of Prussia repeated (*Schwill*) DM 46 The French Revolution, continued (*von Holst*) DM
62 Seminar in American History (*von Holst*) M First Term Mon. 8:30–10:30; C 7	59 Seminar in English History (*Terry*) DM Mon. 10:30–12:30; C 7 63 Seminar in American History (*von Holst*) DM Mon. 4:00–6:00; C 7	60 Seminar in English History, continued (*Terry*) DM Mon. 10:30–12:30; C 7 64 Seminar in American History (*von Holst*) DM	61 Seminar in English History, continued (*Terry*) DM Mon. 10:30–12:30; C 7 65 Seminar in American History, continued (*von Holst*) DM

Remarks.

[1] Courses 1 and 2 are required of all Academic College Students.

[2] Courses 3–6 are recommended to University College Students as a preparation for the Graduate School Courses in History. Students are advised to take Courses 1–6, if possible, in the order indicated in the Programme and Register.

[3] Courses 59–65 are designed solely for members of the Graduate School.

V. Archæology.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
	1 Introduction to Classical Archæology (*Tarbell*) DM 10:30; B 2	2 History of Greek Sculpture[1] (*Tarbell*) DM	4 Greek Vases and Coins (*Tarbell*) DM

[1] Prerequisite.—Course 1.

VI. Sociology and Anthropology.

SUMMER

20 Trades Unions (*Bemis*) M First Term 10:30; C 11

21 The State and Reform (*Bemis*) M First Term 11:30; C 11

22 Methodology of Sociology [1] (*Small*) MM First Term 8:30–10:30; C 10

41 Compar. Psychology [5] (*Thomas*) DM 10:30; C 10

42 Somatic and Psychic History of Woman [6] (*Thomas*) DM 11:30; C 10

49 Settlement Movement (*West*) M First Term 2:00; C 10

50 Evolution of Society (*West*) M Second Term 2:00; C 10

52 Field Work in Mexico (*Starr*) DMM

AUTUMN

1 Laboratory in Anthropology (*Starr*) DM W 3d floor

2 Physical Anthropology, Laboratory (*Starr*) DM 2:00; W 3d floor

3 Mexico (*Starr*) DM 10:30; W 3d floor

4 General Anthropology (*Starr*) DM 11:30; W 3d floor

10 Seminar (*Talbot*) DM 3:00–5:00; C 11

11 House Sanitation (*Talbot*) DM 10:30; C 11

14 Seminar (*Henderson*) DM Tues. 4:00–6:00; C 2

15 Organized Christianity (*Henderson*) M First Term 8:30; D 6

18 The Family (*Henderson*) DM 9:30; D 6

19 Voluntary Associations (*Henderson*) M Second Term 8:30; D 6

24 Province of Sociology [2] (*Vincent*) DM 8:30; C 11

28 Dynamics; a Seminar (*Small*) DM Mon. 2:00–4:00; C 2

29A Social Philosophy (*Small*) DM 2:00; C 10

WINTER

1 Laboratory in Anthropology, continued (*Starr*) DM W 3d floor

2 Physical Anthropology, Laboratory, continued (*Starr*) DM 2:00; W 3d floor

7 Ethnology (*Starr*) DM 11:30; W 3d floor

10 Seminar (*Talbot*) DM 3:00-5:00; C 11

12 Sanitary Aspects (*Talbot*) DM 10:30; C 11

14 Seminar (*Henderson*) DM Tues. 4:00–6:00; C 2

16 Dependents and Defectives (*Henderson*) M Second Term 3:00; C 11

25 Social Anatomy [2] (*Vincent*) DM 8:30; C 11

28 Dynamics; a Seminar (*Small*) DM Mon. 2:00–4:00; C 2

29B Social Philosophy, continued (*Small*) DM 2:00; C 10

31 American Rural Life (*Henderson*) M First Term 3:00; C 11

32 Agencies for Welfare (*Henderson*) M First Term 2:00; C 11

33 Modern Cities (*Henderson*) M Second Term 2:00; C 11

SPRING

1 Laboratory in Anthropology, continued (*Starr*) DM W 3d floor

2 Physical Anthropology, Laboratory, continued (*Starr*) DM 2:00; W 3d floor

8 Prehistoric American Archæology (*Starr*) DM 11:30; W 3d floor

10 Seminar (*Talbot*) DM 3:00–5:00; C 11

13 Economy of Living (*Talbot*) DM 9:30; C 11

14 Seminar (*Henderson*) DM Tues. 4:00–6:00; C 2

17 Crime and Criminals (*Henderson*) M First Term 2:00; C 11

22 Methodology [1] (*Small*) DM 2:00; C 10

25 Social Anatomy, continued [2] (*Vincent*) DM 8:30; C 11

26 Introduction to Study of Society [4] (*Vincent*) DM 2:00; C 8

28 Dynamics; a Seminar DM (*Small*) Mon. 2:00–4:00; C 2

29C Social Philosophy continued (*Small*)

34 Biblical and Ecclesiastical Sociology (*Henderson*) M First Term 3:00; C 11

VI. Sociology and Anthropology.—*Continued.*

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
	37 Contemporary Society in United States[4] (*Vincent*) DM	38 Urban Life in United States[4] (*Vincent*) DM 2:00; C 8	35 Historic Forms of Philanthropy (*Henderson*) M Second Term 2:00; C 11
	41 Compar. Psychology (*Thomas*) DM 11:30; C 11	41 Compar. Psychology. continued (*Thomas*) DM 9:30; C 10	39 General Hygiene[4] (*Talbot*) DM 10:30; C 11
	42 Somatic and Psychic History of Woman (*Thomas*) DM 10:30; C 10	42 Somatic and Psychic History of Woman, continued (*Thomas*) DM 10:30; C 10	41 Compar. Psychology, continued (*Thomas*) DM 9:30; C 10
	Statistics (*Gould*) See Pol. Econ. Nos. 10 and 11		43 Primitive Art (*Thomas*) DM 10:30; C 10
			51 Social Structure in Great Britain (*Zeublin*) DM 11:30; C 10

Remarks.

[1] Course 22 is required in case Sociology is offered, either as primary or secondary subject, by candidates for higher degrees.

[2] Course 24 may be taken without Course 25; but Courses 24 and 25 will be required of all candidates for the Degree of Doctor of Philosophy who offer Sociology either as primary or secondary subject.

[3] Course 27 forms Part II. of the system of Social Philosophy introduced by Courses 24 and 25. Course 27 may be taken by students who are suitably prepared, without Courses 24 and 25; or students who wish to make Sociology their principal subject may combine Courses 24, 25, and 27 as Three Double Majors. It is also recommended that Professor Dewey's course, *The Logic of Ethics*, be taken in connection with Course 27.

[4] Open, under certain conditions, to Academic College Students.

[5] Course 41 in Summer Quarter is a synopsis of the 3DM Course No. 41, Autumn, Winter, and Spring Quarters.

[6] Course 42 in Summer Quarter is a synopsis of the 2DM Course No. 42 in Autumn and Winter Quarters.

VII. Comparative Religion.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
1 Religions of China and Japan (*Buckley*) DM 8:30; W 3d floor	2 Religions of India (*Goodspeed*) DM 3:00; D 16	4 Religions of Greece, Rome and Northern Europe (*Goodspeed*) DM	7 Relations of Christianity to the other Religions: Haskell Lectures (*Barrows*)
	3 Northern Buddhism (*Buckley*) 4:00; W 3d floor	5 Science of Religion (*Buckley*) DM	8 Seminar: Science of Religion (*Buckley*) DM
		6 Hindi (*Coffin*) DM	9 Religions of Ancient Persia (*Goodspeed*) DM

VIII. Semitic Languages and Literatures.

HEBREW.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
2-3 Beginners' Hebrew (*Harper W. R.* and *Breasted*) MM First Term MM Second Term 8:30 and 2:00; D 15	7 Books of Chronicles (*Crandall*) M Second Term 11:30; D 13	8 Deuteronomy—Sight Reading (*Crandall*) ½ M First Term	1 Beginners' Hebrew (*Harper W. R.* and *Crandall*) MM First Term
4 Samuel (*Harper R. F.*) M First Term 10:30; D 13	9c Book of Judges (*Crandall*) DM 8:30; D 15	14 Jeremiah—Sight Reading (*Crandall*) ½M Second Term	5 Books of Kings (*id.*) MM Second Term
5b Kings (*Harper R. F.*) M Second Term 10:30; D 13	25 Book of Job (*Hirsch*) M Second Term 9:30; D 15	15 Jeremiah (*Price*) M First Term	6 Books of Kings (*Kent*) First Term M
8 Hebrew Sight Reading—Deuteronomy (*Crandall*) ½ M Second Term 10:30; D 6	34 History of Antiquity (*Goodspeed*) DM 2:00; D 16	16 Ezekiel (*Price*) M Second Term	11 Isaiah i–xxxix (*Price*) M First Term
8b Hebrew Sight Reading—Samuel (*Crandall*) ½ M Second Term 11:30; D 6	39 Old Testament Prophecy (*Harper W. R.*) DM 10:30; D 15	31 Introduction to the History of the Hebrew Monarchy (*Goodspeed*) DM	13 Isaiah xl–lxvi (*Price*) M Second Term
8c Hebrew Sight Reading—Kings (*Breasted*) ½ M First Term 11:30; D 15	43 History of the Canon and Text of the Old Testament (*Price*) DM 2:00; D 15	5 Development of Old Testament Literature (*Harper W. R.*) DM	35 Contemporary History of the Old Testament—Egypt, Babylonia, Assyria (*Goodspeed*) DM
9b Deuteronomy (*Breasted*) M Second Term 11:30; D 15			44 General Introduction to Textual Criticism of Old Testament (*Hirsch*) DM
22 Minor Prophets, Babylonian Period (*Harper W. R.*) M First Term 7:30; D 15			51 Development of Old Testament Theological Ideas (*Harper W. R.*) DM
22b Minor Prophets, Post-exilic (*Harper W. R.*) M Second Term 7:30; D 15			52 Modern Discoveries and Old Testament (*Price*) DM
34 History of Antiquity (*Goodspeed*) MM Second Term 10:30–12:30; D 16			
94 Advanced Hebrew Grammar—Etymology (*Harper W. R.*) M First Term 9:30; D 15			
95 Advanced Hebrew Grammar—Syntax (*Harper W. R.*) M Second Term 9:30; D 15			

VIII. Semitic Languages and Literatures.—*Continued.*

ARAMAIC, RABBINIC, SYRIAC, SAMARITAN, MANDAIC, AND PHŒNICIAN.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
55 General Introduction to Rabbinic Literature and Life (*Hirsch*) M Second Term 9:30; D 16	60 Talmud (*Hirsch*) Rabbinical Seminar	61 Civil and Criminal Legislation of Talmud (*Hirsch*) M First Term	64 Talmudical Analogies to the New Testament (*Hirsch*) M First Term
63 History of Jewish Sects (*Hirsch*) M First Term 9:30; D 1	62 Rabbinical Commentaries on Genesis (*Hirsch*) M First Term 9:30; D 15	65 Rabbinical Philosophy (*Hirsch*) DM	
	68 Beginners' Syriac (*Harper R. F.*) DM 10:30; D 13	66 Biblical Aramaic (*Price*) M Second Term	
		69 Advanced Syriac (*Harper R. F.*) DM	
		99 Mandaic (*Hirsch*) M Second Term	

ASSYRIAN, ARABIC, ETHIOPIC, EGYPTIAN, COPTIC AND COMPARATIVE WORK.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
71 Assyrian Language (*Harper R. F.*) DM 8:30; D 13	76 Babylonian Historical Inscriptions (*Harper R. F.*) DM 9:30; D 13	79 Assyrian Syllabaries and Mythological Inscriptions (*Harper R. F.*) DM	76*b* Early Babylonian Inscriptions (*Price*) DM
73 Early Historical Inscriptions (*Harper R. F.*) DM 9:30; D 13	82 Earliest Unilingual Inscriptions (*Price*) Seminar DM 3:00; D 15	89 Arabic Poetry (*Harper W. R.*) DM	93 Philosophical Literature of the Arabs (*Hirsch*) DM
87 Earlier Suras of Quran (*Harper W. R.*) M First Term 10:30; D 15	88 Later Suras (*Harper W. R.*) DM 11:30; D 15	100 Ethiopic (*Harper W. R.*) M First Term	103 Semitic Seminar 2 (*Harper W. R.*) DM
90 Arabic 1001 Nights (*Hirsch*) M First Term	103 Semitic Seminar 2 (*Harper W. R.*) 3DM Autumn to Spring Quarter Sat. 7:30; D 15	103 Semitic Seminar 2 (*Harper W. R.*) DM	105 Comparative Lexical Study of South Semitic Languages (*Price*) Seminar DM
91 Arabic Geography, History and Commentary (*Harper W. R.*) M Second Term 10:30; D 15	106 Elementary Egyptian (*Breasted*) DM 2:00; D 13	104 Comparative Lexical Study North Semitic Languages (*Price*) Seminar	108 Late Egyptian (*Breasted*) DM
93 Philosophical Literature of Arabians (*Hirsch*) M Second Term	113 Elementary Coptic (*Breasted*) DM	107 Egyptian Texts of Classic Period (*Breasted*) DM	115 Coptic Reading Boheiric Texts (*Breasted*) M Second Term
101 Advanced Ethiopic (*Hirsch*) M First Term	113*a* Thier und Mensch (*Breasted*) DM 3:00; D 13	114 Coptic Reading, Sahidic Texts (*Breasted*) DM	
106 Elementary Egyptian (*Breasted*) DM			

IX. Biblical and Patristic Greek.

SUMMER	AUTUMN	WINTER	SPRING
2 New Testament Greek (*Votaw*) MM First Term 8:30 and 2:00; D 16	4 Rapid Reading in the New Testament (*Votaw*) DM 10:30; D 16	1 New Testament Greek (*Burton*) DM	43 Origin of the Septuagint[3] (*Arnolt*) DM
7 Greek Palæography (*Gregory*) M Second Term 7:30; D 16	10*a* New Testament Times in Palestine (*Mathews*) DM 10:30; D 11	13 History of the Apostolic Church (*Mathews*) DM	58 History of Criticism of the Gospels (*Arnolt*) DM
9 New Testament Textual Criticism (*Gregory*) M Second Term 8:30; D 16	11 New Testament Times in Græco-Roman World (*Mathews*) DM 8:30; D 11	28 John (*Burton*) DM	60 History of Interpretation (*Mathews*) DM
15*b* Social History of New Testament Times (*Mathews*) M First Term 9:30; D 6	25 Matthew[1] (*Burton*) DM 10:30; D 2	29 Acts (*Mathews*) DM	
34 Philippians (*Burton*) M Second Term 9:30; D 2	40 New Testament Quotations[2] a Seminar (*Burton*) DM 3:00–5:00 Wed. and Fri.; D 11	48 Philo (*Arnolt*) M First Term	
45 Psalms and Ecclesiastes in Greek[3] (*Arnolt*) M First Term 7:30; D 16	53 Sub-apostolic Greek Literature (*Arnolt*) DM 9:30; D 16	54 New Testament Apocrypha (*Arnolt*) M First Term	
	55 Christian Literature to Eusebius (*Arnolt*) DM 8:30; D 16		

Prerequisites.

[1] Course 1 or 2. [2] Courses 1 (or 2); 25 (or 27); and a knowledge of Hebrew. [3] A knowledge of Hebrew.

X. Sanskrit and Indo-European Comparative Philology.

B 3.

SUMMER	AUTUMN	WINTER	SPRING
2 Outlines of Comparative Grammar of Greek and Latin[1] (*Stratton*) M First Term 11:30; B 3	1 General Introduction to the Study of Indo-European Comparative Philology[1] (*Buck*) M First Term 10:30; B 3	2 Outlines of Comparative Grammar of Greek and Latin,[1] continued (*Buck*) M First Term	6 Sanskrit, continuation of 4 and 5 (*Stratton*) DM
3 Exercises in Greek and Latin Comparative Grammar[1] (*Stratton*) M Second Term 11:30; B 3	2 Outlines of Comparative Grammar of Greek and Latin[1] (*Buck*) M Second Term 10:30; B 3	3 Exercises in Greek and Latin Comparative Grammar[1] (*Buck*) M Second Term	7 Greek Dialects (*Buck*) DM
4 Sanskrit, Elementary Course (*Stratton*) DM 10:30; B 3	4 Sanskrit, Elementary Course (*Buck*) DM 11:30; B 3	5 Sanskrit, continuation of 4 (*Stratton*) DM	9 and 10 Avestan and Old Persian (*Buck*) DM
	14 Sanskrit, Advanced Course. Interpretation of selected hymns from the *Atharva-Veda* (*Stratton*) DM 4:00; B 3	13 Seminar; or Lithuanian and Old Bulgarian. Introduction to Balto-Slavic Philology, continuation of 11 and 12 (*Buck*)	

Remarks.

[1] Courses 1-3 are open to students of the University Colleges as well as to those of the Graduate School.

XI. The Greek Language and Literature.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
1 Homer, *Iliad*, Books I–III. Review of Greek Grammar (*Owen*) M First Term 8:30; B 2	1 Homer, *Iliad*, Books I–III. Review of Greek Grammar, repeated (*Owen*) DM 8:30; B 2	1 Homer, *Iliad*, Books I–III. Review of Greek Grammar, repeated (*Owen*) DM	4 Lysias, Selected Orations; Isocrates, *Panegyricus* (*Castle*) DM
2 Xenophon, *Memorabilia;* Plato, *Apology* and *Crito* (*Owen*) DM 11:30; B 2	2 Xenophon, *Memorabilia;* Plato, *Apology* and *Crito*, repeated (*Capps*) DM 10:30; B 6	2 Xenophon, *Memorabilia;* Plato, *Apology* and *Crito*, repeated (*Owen*) DM	5 Herodotus, Selections (*Owen*) DM
3 Homer, *Odyssey*, Selections (*Owen*) M Second Term 8:30; B 2	3 Homer, *Odyssey*, Selections, repeated (*Owen*) DM 9:30; B 2	8 Andocides, *On the Mysteries;* Demosthenes, Selected Political Orations (*Tarbell*) DM	6 Plato, *Gorgias* (*Owen*) DM
	7 Euripides, *Alcestis* and *Iphigenia in Tauris* (*Tarbell*) DM 11:30; B 2		
10 Greek Lyric Poets (*Capps*) M First Term 9:30; B 2	14 Demosthenes, *Oration on the Crown;* Æschines, *Oration against Ctesiphon* (*Capps*) DM 8:30; B 7	20 Greek Scenic Antiquities (*Capps*) DM	12 Thucydides, Selections (*Tarbell*) DM
11 Theocritus, Selections (*Capps*) M Second Term 9:30; B 2	22 Plato, *Republic* (*Shorey*) DM Mon. and Fri. 3:00–5:00; B 2	22 Plato, *Republic*, continued (*Shorey*) DM Mon. and Fri. 3:00–5:00; B 2	16 Attic Orators, Selections (*Castle*) DM
15 Selected Plays of Sophocles and Euripides (*Capps*) DM 10:30; B 2	26 Seminar, History of Ancient Philosophy (*Shorey*) DM Wed. 3:00–5:00; B 2	24 Aristotle, *Athenian Constitution* (*Capps*) DM	23 Æschylus, Rapid Reading Course (*Shorey*) DM Mon. and Fri. 3:00–5:00; B 2
30 Lucian, Dialogues (*Hussey*) DM 8:30; B 8		26 Seminar, History of Ancient Philosophy, continued (*Shorey*) DM Wed. 3:00–5:00; B 2	26 Seminar, History of Ancient Philosophy continued (*Shorey*) DM Wed. 3:00–5:00; B 2
31 Post-Classic Greek Poets (*Hussey*) M First Term 11:30; B 6			

Remarks.

Courses 1-9 are Academic College Courses.

Course 1 is for students who enter with Greek (1) and (2) only. It will not be counted as one of the three required Majors in Greek of the Academic Colleges.

XII. The Latin Language and Literature.

SUMMER	AUTUMN	WINTER	SPRING
4 Cicero, *de Senectute*, Livy, etc. (*Moore*) DM 9:30; B 6 6 Horace, *Odes*[4] (*Walker*) DM 8:30; B 7 7 Cicero's *Letters* (Academic College Course) (*Abbott*) DM 11:30; B 7	1 Cicero, *Orations* (for students in Science) (*Walker*) DM 8:30; B 8 4 Cicero, *de Senectute*, Livy, etc. DM Sec. *a* (*Walker*) 9:30; B 7 Sec. *b* (*Moore*) 9:30; B 6 5 Terence, *Phormio*, and Tacitus, *Germania* and *Agricola*[3] DM Sec. *a* (*Miller*) 11:30; B 8 Sec. *b* (*Mr.*——) 11:30; B 7 6 Horace, *Odes*[4] DM Sec. *a* (*Miller*) 10:30; B 7 Sec. *b* (*Moore*) 3:00; B 8	2 Virgil, *Æneid* for (students in Science)[1] (*Walker*) DM 4 Cicero, *de Senectute*, Livy, etc. (*Miller* and *Mr.*——) DM 5 Terence, *Phormio*, and Tacitus, *Germania* and *Agricola*[3] (*Walker* and *Moore*) DM 6 Horace *Odes*[4] (*Miller* and *Moore*) DM	3 Selections from Ovid, Horace, Catullus, Cicero's *Letters*, etc. (for students in Science)[2] (*Walker*) DM 4 Cicero, *de Senectute*, Livy, etc. (*Moore* and *Mr.*——) DM 5 Terence, *Phormio*, and Tacitus, *Germania* and *Agricola*[3] (*Miller* and *Mr.*——) DM 6 Horace, *Odes*[4] (*Moore* and *Walker*) DM 8 Tusculan *Disputations* (Academic College Course) (*Mr.*——) DM
37 Syntax of the Latin Verb (*Walker*) M First Term 11:30; B 8 9 Plautus (*Walker*) M Second Term 11:30; B 8 29 Early Latin (*Abbott*) DM 10:30; B 8 10 Lucretius (*Hendrickson*) DM 9:30; B 8 38 Roman Epic Poetry (*Moore*) DM 8:30; B 6 35 Seminar 2, the *Dialogus* of Tacitus (*Hendrickson*) DM Tues. 3:00–5:00; B 2	11 Cicero's *Letters* (University College Course) (*Abbott*) DM 11:30; B 6 15 *Georgics* of Virgil, Tibullus and Propertius (*Chandler*) DM 9:30; B 8 25 Roman Philosophy (*Chandler*) DM 10:30; B 5 17 Pliny (*Mr.*——) DM 8:30; B 6 34 Seminar 1, Colloquial Latin (*Abbott*) DM Tues. 3:00–5:00, B 5	26 Roman History from the Sources (*Chandler*) DM 20 Christian Latin (*Chandler*) DM 19 Juvenal (*Mr.*——) DM	10 Lucretius (*Chandler*) DM 22 Historical Development of Roman Oratory (*Chandler*) DM 23 Historical Development of Roman Tragedy (*Miller*) DM 30 Latin Epigraphy (*Abbott*) DM 34 Seminar 1, continued (*Abbott*) DM

Required Latin.—Courses 1, 2 and 3 are required of all students in Science; Courses 3, 4 and 5 of all students in Arts and Letters. In each case, the numerical order must be followed.

Elective Latin. In the Academic College.—Courses 7 and 8 are especially designed for Academic College students who have concluded Course 6.

In the University College.—All the courses of the department, except Courses 34 and 35, are open to students of the University College who have already acquired considerable proficiency in the language.

In the Graduate School.—Courses 34 and 35 are for graduates only. The other courses, from 9 upward, are open to graduates according to their needs.

Prerequisites.

[1] Course 1.
Courses 1 and 2.
[3] Course 4.
[4] Courses 4 and 5.

XIII. Romance Languages and Literatures.

SUMMER	AUTUMN	WINTER	SPRING
1 Elementary French (*Bergeron*) DM 7:30; B 16	1 Elementary French, repeated (*Bergeron*) DM 8:30; B 16	1 Elementary French, repeated (*de Poyen-Bellisle*) DM	1 Elementary French, repeated (———) DM
4 French Syntax (*Bergeron*) DM 8:30; B 16	1 Elementary French, repeated (*Howland*) DM 9:30; B 12	2 Elementary French, repeated (*Bergeron*) DM	2 Elementary French, repeated (*de Poyen-Bellisle*) DM
8 Victor Hugo[2] (*Howland*) DM 8:30; B 14	3 Elementary French (*de Poyen-Bellisle*) DM 3:00; B 16	2 Elementary French, repeated (*Howland*) DM	3 Elementary French, repeated (*Howland*) DM
10 French Literature of 19th Century (*Bergeron*) DM 9:30; B 16	2 Elementary French (———) DM 8:30; B 12	3 Elementary French, repeated (———) DM	3 Elementary French, repeated (*Bergeron*) DM
21 Old French Phonology (*Bruner*) DM 8:30; B 12	4 French Syntax (*Bergeron*) DM 9:30; B 16	5 Reading of French (*Bergeron*) DM	6 Reading of French, continued (*Bergeron*) DM
22 Old French Morphology[3] (*Bruner*) DM 10:30; B 12	7 Reading of French[1] (*Bergeron*) DM 11:30; B 16	8 Victor Hugo,[2] repeated (*Bergeron*) DM	9 French Romantic Drama (*Bergeron*) DM
23 Old French Literature Seminar: French Epic (*Bruner*) DM Mon. 2:00–4:00; B 12	10 French Literature, repeated (*Bergeron*) DM 10:30; B 16	11 French Literature of 17th Century (*Bergeron*) DM	12 French Literature of the 18th Century (*Bergeron*) DM
31 Elementary Italian (*Howland*) DM 10:30; B 16	21 Old French Phonology, repeated (*Bruner*) DM 3:00; B 12	22 Old French Morphology,[3] repeated (*Bruner*) DM	26 Origin and Development of French Lyric Poetry (*de Poyen-Bellisle*) DM
36 Dante, *L'Inferno*[6] (*Howland*) MM First Term 9:30 and 11:30; B 12	24 Old French Readings (*de Poyen-Bellisle*) DM 4:00; B 16	25 Provençal Lyric Poetry (*de Poyen-Bellisle*) DM	29 Middle French Philology[5] (*de Poyen-Bellisle*) DM
	27 Popular Latin (*de Poyen-Bellisle*) DM 2:00; B 16	28 French Dialects:[4] Franco-Norman and Anglo-Norman (*de Poyen-Bellisle*) DM	33 Italian Literature of 19th Century (*Howland*) DM
	31 Elementary Italian, repeated (*Howland*) DM 10:30; B 12	32 Elementary Italian, Manzoni (*Howland*) DM	36 Dante, *L'Inferno*[6] (*Howland*) DM
	34 Italian Literature in English (*Howland*) DM 4:00; B 12	35 Machiavelli,[6] *Il Principe* (*Howland*) DM	53 Elementary Spanish, continued (———) DM
	41 Italian Philology (*Bruner*) DM 11:30; B 12	42 Italian Dialects and Seminar[7] (*Bruner*) DM	56 Old Spanish Readings (———) DM
	51 Elementary Spanish (———) DM 2:00; B 12	52 Elementary Spanish, continued (———) DM	
	54 Spanish Literature (———) DM 3:00; B 13	55 Spanish Drama (———) DM	

Remarks.

Courses 1, 2, 3 in French, and Courses 51, 52, 53 in Spanish are primarily for students in the Academic Colleges. Three Quarters of undergraduate work done elsewhere will be considered as equivalent to two Quarters in the University.

Courses 10–12; 22–29; 34–36; 41–42; and 54–56 are primarily for students of the Graduate School.

Prerequisites.

[1] Entrance French 2.
[2] Course 7 or its equivalent.
[3] Continuation of course 21.
[4] Courses 21 and 22.
[5] Continuation of 21 and 22.
[6] Three Majors of Italian.
[7] Course 41.

XIV. Germanic Languages and Literatures.

SUMMER	AUTUMN	WINTER	SPRING
1 Lessing as Critic (*Cutting*) DM 11:30; B 9	3 Faust I. and II. (*Cutting*) DM 11:30; B 9	8 The Nibelungenlied[3] (*von Klenze*) DM	4 Goethe's Storm and Stress Period[2] (*Cutting*) DM
2 Schiller[4] (*von Klenze*) DM 11:30; B 10	6 The Development of German Literature from 1720 to 1800, etc. (*von Klenze* and *McClintock*) DM 9:30; B 9	9 Heine's Prose and Poetry[4] (*von Klenze*) DM	11 Schiller's Wallenstein[4] (*Kern*) DM
13 Gothic (*von Klenze*) DM 10:30; B 9	12 Advanced Prose Composition[2] (*Cutting*) DM 8:30; B 9	10 The Romantic School in Germany[4] (*Mulfinger*) DM	15 Middle High German, repeated (*Cutting*) DM
15 Middle High German (*Cutting*) DM 9:30; B 9	13 Gothic, repeated (*Schmidt-Wartenberg*) DM 4:00; B 9	14 Old High German (*Schmidt-Wartenberg*) DM	21 Elementary Course in Swedish, repeated (*Dahl*) DM
16 Elements of Historical German Grammar (*Schmidt-Wartenberg*) DM 7:30; B 9	17 Introduction to Germanic Philology[5] (*Schmidt-Wartenberg*) DM 5:00; B 9	18 Introduction to Phonetics (*Schmidt-Wartenberg*) M First Term	25 Scandinavian Nineteenth Century Literature, repeated (*Dahl*) DM
20 Elementary Course in Norwegian (Danish) (*Dahl*) DM 8:30; B 9	21 Elementary Course in Swedish (*Dahl*) DM 10:30; B 14	19 Old Saxon[6] (*Schmidt-Wartenberg*) M Second Term	28 Studies in Björnson (*Dahl*) DM
22 Studies in Björnson and Ibsen (*Dahl*) DM 2:00; B 10	23 Old Norse Literature, repeated (*Dahl*) DM 2:00; B 9	26 Advanced Course in Norwegian (*Dahl*) DM	
23 Old Norse Literature (*Dahl*) DM 3:00; B 9	24 Studies in Ibsen (*Dahl*) DM 11:30; B 10	27 Outline Course in Scandinavian Literature (*Dahl*) DM	
	25 Scandinavian Nineteenth Century Literature (*Dahl*) DM 3:00; B 14		
	29 Elementary Course in German, repeated DMM 8:30 and 3:00 Sec. *a* (*Kern*) B 10 Sec. *b* (*Almstedt*) C 17 and B 9		
29 Elementary Course in German (*Kern*) DMM 8:30 and 3:00; B 10		29 Elementary Course in German, repeated (*Almstedt*) DMM	29 Elementary Course in German, repeated (*Almstedt*) DMM
30 Intermediate Course in German[7] (*Kern*) DM 10:30; B 10	30 Intermediate Course in German,[7] repeated (*Almstedt*) DM 10:30; B 10	30 Intermediate Course in German,[7] repeated (*Almstedt*) DM	30 Intermediate Course in German,[7] repeated (*Almstedt*) DM
33 German Comedies[1] (*Schmidt-Wartenberg*) DM 9:30; B 10	31 Modern German Prose[1] (*Kern*) DM 9:30; B 10	31 Modern German Prose,[1] repeated (*Almstedt*) DM	33 German Comedies,[1] repeated (*Kern*) DM
	32 Modern German Lyrics and Ballads[1] (*von Klenze*) DM 10:30; B 9		

Remarks.

Courses 1–28 are for students in the University Colleges and the Graduate School.
Courses 29–34 are for students in the Academic Colleges.
Courses 1, 3, 6, 7, 8, 13–19 and 23 are intended chiefly for Graduate Students.

Prerequisites.

[1] Courses 29 and 30.
[2] Courses 29, 30, 31, and 2, or their equivalent.
[3] Course 15.
[4] Courses 29, 30, and 31.
[5] Course 13.
[6] Courses 13 and 14.
[7] Course 29.

XV. English Language and Literature, and Rhetoric.

SUMMER

1 Rhetoric and English Composition (*Lovett*) DM 2:00; D 1

7 Teacher's Course in Rhetoric (*Lovett*) M First Term 9:30; D 1

8 Daily Themes (*Lovett*) M Second Term 8:30; D 1

20A Old English, Elementary Course (*Davidson*) DM 3:00; D 9

20C Old English, Poetical Texts (*Davidson*) ½DM 4:00; D 9

24C Later Middle English (*Davidson*) DM 2:00; D 9

40 English Literature (*Reynolds*) DM 9:30; D 8

43 The History of English Allegory (*Triggs*) DM 4:00; D 8

45 Sources of Shakespeare's Plays (*Crow*) DM 9:30; D 9

46 Elizabethan Seminar (*Crow*) DM Tues. 4:00–6:00; C 14

54 English Romantic Poets (*Reynolds*). DM 10:30; D 8

AUTUMN

1*a* Rhetoric and English Composition M
Sec. *a* (*Lewis*) 8:30
Sec. *b* (*Moody*) 10:30
Sec. *c* (*Lovett*) 2:00

1*b* Fortnightly Themes; Required Course (*Lewis*) M Tues. 11:30 and 4:00; A 6

1*c* Advanced Themes; Required Course (*Lovett*) Tues. 1:30; A6

2 English Composition (*Moody*) DM 9:30; D1

5*a* Advanced English Composition (*Lovett*) DM 3:00 D1

5*b* Advanced Composition. Daily Themes 1h. a week throughout the year (*Lovett*) DM Monday 3:00; D1

20A Old English, Elementary Course, repeated (*Blackburn*) DM 3:00; D9

21 Old English, Advanced Course (*Blackburn*) DM 2:00; D9

23 English Language Seminar (*Blackburn*) Mon. 2:00–4:00; D9

40 English Literature
A. Shorter Course (*Tolman*) DM 10:30; D9
B. Longer Course, 1 Quarter (*Reynolds*) DM 2:00; D8

51A The English Romantic Movement (*McClintock*) DM Wed., Thurs. 4:00–6:00; D8

52 The Poetry of William Wordsworth (*McClintock*) DM 10:30; D8

54 English Romantic Poets from 1780–1830, repeated (*Reynolds*) DM 11:30; D8

57A The Poetry of Tennyson (*Tolman*) DM 9:30; D8

WINTER

1*a* Rhetoric and English Composition (*Lewis*) DM 2:00

1*b* Fortnightly Themes; required course (*Lovett*) M Tues. 11:30 and 4:00 Lecture Hall

1*c* Advanced Themes; Required Course (*Lovett*) Tues. 1:30; D1

3 Argumentative Composition (*Lovett*) DM 8:30

5*a* Advanced English Composition (*Lovett*) DM 3:00

5*b* Advanced Composition. Daily Themes 1h. a week throughout the year (*Lovett*) DM Monday 3:00

20B Old English, continued, Prose Readings (*Blackburn*) DM 3:00

23 English Language Seminar (*Blackburn*) Mon. 2:00–4:00

40 English Literature
A. Shorter Course, repeated (*Tolman*) DM 10:30
B. Longer Course, 2 Quarter (*Reynolds*) DM

41A Shakespeare (*Brainard*) DM 11:30

42 The History of Old English Literature (*Blackburn*) DM 2:00

46 Elizabethan Seminar History of Development of Blank Verse (*Crow*) DM Tues. 10:30–12:30

47 Development of Dramatic form in Elizabethan Literature (*Crow*) DM 2:00

49A English Literature of the Seventeenth Century (*Moody*) DM 11:30

51B The English Romantic Movement, continued (*McClintock*) DM Wed.& Thurs. 4:00–6:00

SPRING

1*a* Rhetoric and English Composition (*Moody*) DM 2:00

1*b* Fortnightly Themes; Required Course (*Lovett*) M Tues. 11:30 and 4:00 Lecture Hall

1*c* Advanced Themes; Required Course (*Lovett*) Tuesday 1:30 D1

2 English Composition (*Lewis*) DM 8:30

4 Oral Debates (*Lovett* and *Closson*) DM Friday 3:00

5*a* Advanced English Comp'n (*Lovett*) DM

5*b* Advanced Composition. Daily Themes 1h. a week throughout the year (*Lovett*) DM Monday 3:00

20C Old English, continued, Poetical Texts (*Blackburn*) DM 3:00

22 Comparative Grammar of Old English (*Blackburn*) DM 2:00

23 English Language Seminar (*Blackburn*) Mon. 2:00–4:00

40A English Literature (*Reynolds*) DM 9:30

46 Elizabethan Seminar; Marlowe (*Crow*) DM Tues. 10:30–12:30

49B English Literature of the Seventeenth Century, continuation of 49A (*Lovett*) DM 3:00

50 The Classical Period of English Literature (*Reynolds*) DM 11:30

51C The English Romantic Movement, continued (*McClintock*) DM 10:30

XV. English Language and Literature, and Rhetoric.—*Continued.*

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
58A The Works of Robert Browning (*Triggs*) M 8:30	80 Seminar, The Art of Poetry (*Wilkinson*) DM 3:00; D8	53 The Poetry of William Cowper (*McClintock*) DM 10:30	55A English Essayists of the Nineteenth Century (*Butler*) DM 9:30
83A Development of English Literary Criticism (*McClintock*) DM 10:30; D 9	81 Criticism of Criticism (*Wilkinson*) M First Term 9:30; D9	57B The Works of Tennyson (*Triggs*) DM 11:30	56 American Poetry (*Butler*) DM 3:00
84 The Elements of Literature (*McClintock*) DM 9:30; D 9	82 Short Stories (*Wilkinson*) M Second Term 9:30; D9	62A The Poetry of Milton (*Carpenter*) DM 9:30	60 Modern Fiction (*Triggs*) DM 8:30
87 Æsthetics of Literature (*Triggs*) DM 11:30; D 8	88 The Development of English Lyric Poetry (*Carpenter*) DM 11:30; D9	65 The Minor Elizabethan Drama (*Carpenter*) DM 10:30	61 The History of American Literature in Nineteenth Century (*Triggs*) DM 11:30
89 Conference on Teaching of English Literature (*McClintock*)		85 The Theory of the Drama (*Tolman*) DM 9:30	62C Milton's *Paradise Lost* (*Moulton*) DM 10:30
		86 The Development of English Fiction (*Reynolds*) DM 11:30	63 Poetry of the Elizabethan Period (*Crow*) DM 2:00
		87 Æsthetics of Literature (*Triggs*) DM 8:30	83B English Literary Criticism (*Carpenter*) DM 9:30
		90 Bacon and the Early Essayists (*Moulton*) DM 10:30	84 The Elements of Literature (*McClintock*) DM 9:30

Remarks.

Courses 1, 2, 40, and 41 are for students in the Academic Colleges.
Courses 22, 23, 43, 62, 51, 59, 57B, 60, 80, 83A, 85, and 88 are primarily for Graduate Students.

XVI. Biblical Literature in English.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
A22 Minor Prophets of Babylonian Period (*Harper, W. R.*) M First Term 7:30; D 15	A29 Outline of Hebrew History (——) DM	A61 Civil and Criminal Legislation of the Talmud (*Hirsch*) M First Term	A36 Contemporary History of the Hebrews (*Goodspeed*) DM
A22*b* Minor Prophets of Post-Exilic Period (*Harper, W. R.*) M Second Term 7:30; D 15	B3 Life of Christ (*Burton*) DM 11:30; D 16	A17 Minor Prophets (——) DM	A52 Modern Discoveries and the Old Testament (*Price*) DM
B1 Political History of Palestine in New Testament Times (*Mathews*) M First Term 10:30; D 2		A31 Introduction to the History of the Hebrew Monarchy; a seminar *Goodspeed*) DM	B21 Teaching of Jesus (*Votaw*) DM
B8 Gospel of Mark (*Burton*) M Second Term 10:30; D 2		A39 Old Testament Prophecy (*Harper, W. R.*) DM	

Remarks.

Courses A17 and 29; B3 and 21 are for the University and Academic Colleges primarily.

XVII. MATHEMATICS.

SUMMER	AUTUMN	WINTER	SPRING
4 Plane Trigonometry [3] (*Dickson*) MM Second Term 9:30, 4:00; D 7 5 College Algebra [4] (*Moore*) DM 7:30; R 36 6 Mathematical Pedagogy (*Young*) M First Term 10:30; R 36	1 Required Mathematics [1] First Quarter [2] 1*a* (*Young*) DM 9:30; D 7 1*b* (*Hancock*) DM 10:30; D 7 1*c* (*Hancock*) DM 11:30; D 7 1*d* (*Slaught*) DM 8:30; D 7	1 Required Mathematics [1] Second Quarter [2] 1*a* (*Young*) DM 1*b* (*Hancock*) DM 1*c* (———) DM 1*d* (*Slaught*) DM 2 Required Mathematics [1] First Quarter [2] 2*a* (*Boyd*) DM 2*b* (———)DM 2*c* (———) DM	3 Required Mathematics [1] First Quarter [2] (*Young*) DM 2 Required Mathematics [1] Second Quarter 2*a* (*Boyd*) DM 2*b* (———) DM 2*c* (*Hancock*) DM 7 Culture Calculus [5] (*Young*) DM
9 Calculus [6] (*Slaught*) DM 5:00; R 38 10 Determinants [7] (*Young*) M First Term 9:30; R 38 14 Differential Equations [9] (*Slaught*) DM 4:00; R 36 17 Surfaces [11] (*Maschke*) DM 8:30; R 36 19 Advanced Analytic Geometry [12] (*Smith*) DM 10:30; R 38 21 Functions [14] (*Moore*) DM 9:30; R 36	8 Analytics and Calculus [5] First Quarter (*Boyd*) DM 8*a* 10:30; R 35 8*b* 11:30; R 36 11 Equations [8] First Quarter (*Young*) DM 10:30; R 38 13 Advanced Integral Calculus [9] First Quarter (*Bolza*) DM 8:30; R 36 20 Partial Differential Equations [13] (*Boyd*) DM 9:30; R 36 22 Functions [15] (*Moore*) DM Mon., Wed. 2:30–4:30; R 36	8 Analytics and Calculus [5] Second Quarter (*Boyd*) DM 8*a* 10:30; R 35 8*b* 11:30; R 36 11 Equations [8] Second Quarter (*Young*) DM 10:30; R 38 13 Advanced Integral Calculus [9] Second Quarter (*Bolza*) DM 8:30; R 36 18 Surfaces [11] (*Maschke*) DM 9:30; R 36	8 Analytics and Calculus [5] Third Quarter (*Boyd*) DM 8*a* 10:30; R 36 8*b* 11:30; R 36 12 Analytic Geometry of three dimensions [9] (*Hancock*) DM 10:30; R 38 15 Differential Equations [10] (*Slaught*) DM 8:30; R 36 16 Analytic Mechanics [11] (*Maschke*) DM 9:30; R 38
23 Higher Plane Curves [16] (*Maschke*) DM 7:30; R 38 26 Linear Differential Equations Seminar [17] (*Moore*) DM Wed. 4:00–600 Sat. 7:30–9:30; R 36	25 Algebraic Functions [17] (*Bolza*) DM 10:30; R 36 29 Elliptic Functions [19] First Quarter (*Moore*) DM Tues., Thurs. 2:30–4:30; R 36 31 Groups [19] Seminar First Quarter (*Moore*) DM Sat. 8:30–10:30; R 36	27 Linear Differential Equations [17] (*Bolza*) DM 10:30; R 36 24 Invariants [16] (*Maschke*) DM 8:30; R 38 28 Minimal Surfaces [18] (*Hancock*) DM 11:30; R 38	30 Icosahedron [20] (*Maschke*) DM 8:30; R 38 29 Elliptic Functions [19] Second Quarter (*Moore*) DM Tues., Thurs. 2:30–4:30; R 36 31 Groups [19] Seminar Second Quarter (*Moore*) DM Sat. 8:30–10:30; R 36

[1] **Required Mathematics.**—Two consecutive double minors of mathematics are required of every student in the first year of residence. The subjects are, in order: *Plane trigonometry, the elements of the analytic geometry of the conic sections, and the elementary theory of finite and infinite algebraic and trigonometric series.*

This course will be given in 1895–96 in seven sections: Course 1, sections 1*a*, 1*b*, 1*c*, 1*d*, during the Autumn and Winter Quarters; Course 2, sections 2*a*, 2*b*, 2*c*, during the Winter and Spring Quarters.

Students wishing to study Chemistry or Physics or to elect *Culture Calculus* (Course 7) should enter section 1*a*, 1*b*, 1*c*, or 1*d*.

If students are allowed to matriculate with entrance conditions in mathematics, they are expected to remove these conditions at the next regular entrance examination, and, until this has been done, they may not take the required college mathematics.

The classes in Required Mathematics meet in *Cobb Lecture Hall*, in rooms advertised from quarter to quarter on the general bulletin boards in *Cobb Lecture Hall* and on the departmental bulletin board in the departmental Library, room 37 of *Ryerson Physical Laboratory*.

Academic College Electives in Mathematics.—Courses (7), *Culture Calculus* (Double Minor, Spring Quarter) and (8) *Analytics and Calculus* (three consecutive Double Minors). Students intending to specialize in Mathematics, in Astronomy, or in Physics should arrange their work so as to take *Analytics and Calculus* in their second year of residence.

Courses 1–7 are elementary courses.
Courses 8–22 are introductory to the Higher Mathematics.
Courses 23-31 are advanced courses, intended primarily for Graduate Students.

PREREQUISITES.

[3] Entrance Algebra and Plane and Solid Geometry.
Entrance Algebra and Plane Geometry.
[4] Entrance Algebra and Plane Trigonometry.
[5] Course 1 or 2.
[6] Course 1 or 2, and Plane Analytic Geometry.
[7] Course 5, or equivalents.
[8] Analytic Geometry and Differential Calculus.
[9] Course 8, or equivalent.
[10] Course 13 or equivalent.
[11] Courses 8, 12, and 13.
[12] Thorough knowledge of Algebra, Plane Trigonometry and Analytic Geometry.
[13] Courses 8, 12, 13, and 15.
[14] Courses 8, 11, and 13.
[15] Courses 13 and 11, or equivalents.
[16] Courses 8 and 11, or equivalents.
[17] Course 22.
[18] Courses 22 and 17 or 18.
[19] Course 22 and Theory of Substitutions.
[20] Courses 11 and 22.

XVIII. ASTRONOMY.

R 35

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
25 Determination of Orbits[1] (*See*) DM 10:30; R 35	28 Astrophysical Research (*Hale*) DM	34 Astrophysical Research (*Hale*) DM	40 Astrophysical Research (*Hale*) DM
26 Mathematical Theory of the Heat of the Sun (*See*) DM 11:30; R 35	29 Theory of Attractions (*See*) DM 10:30; R 35	35 Gauss's Method of Determining Secular Variations (*See*) DM	41 Computation of Ephemerides[4] (*Laves*) DM
27 Seminar (*See*) Sat. 8:30; R 35	30 History of the Physical Sciences (*See*) DM 11:30; R 35	36 Introduction to Physical Astronomy[3] (*See*) DM	42 Spherical Harmonics (*Laves*) DM
	31 General Astronomy[2] (*Laves*) DM 8:30; R 35	37 Determination of Orbits (*Laves*) DM	43 Seminar (*Laves*)
	32 Probability and Least Squares[1] (*Laves*) DM 9:30; R 35	38 General Astronomy, continued (*Laves*) DM	
	33 Seminar (*See* and *Laves*)	39 Seminar (*See* and *Laves*)	

PREREQUISITES.

[1] Differential and Integral Calculus.
[2] Algebra, Trigonometry, and the Elements of Physics.
[3] Differential Calculus.
[4] Course 37, or its equivalent.

XIX. Physics.

R

SUMMER	AUTUMN	WINTER	SPRING
1 General Physics, Lectures[1] (*Wadsworth*) DM 10:30; R 7 2 General Laboratory Practice[2] (*Wadsworth* and *Morrison*) DM Mon.–Fri. 1:30–4:30	1 General Physics, Lectures, continued[1] (*Stratton*) DM 9:30; R 32	1 General Physics,[1] (*Stratton*) DM 2 General Laboratory Practice[2] (*Wadsworth*) DM Mon.–Fri. Morning Sec. 10:30–12:30 Afternoon " 1:45– 3:45	1 General Physics, continued[1] (*Stratton*) DM 2 General Laboratory Practice[2] (*Wadsworth*) DM
4 Laboratory Practice, Advanced[4] (*Wadsworth*) DM Mon.–Wed. 1:30–4:30 8 Theory and Design of Scientific Instruments of Precision[5] (*Wadsworth*) ½DM Thurs. and Fri. 2:00; R 7 12 Research Methods of Investigation[8] (*Wadsworth*) DM Mon., Wed., Fri. 11:30; R 7 14 Special Graduate Laboratory[8] (*Wadsworth*) DMM 10–20 hrs. a week 21 Theoretical Physics,[3] Theory of Heat (*Bauer*) DM Mon., Tu., Thurs., Fr. 10:30; R 32 25 Geophysics (*Bauer*) Lectures. Wed. 4:00; R 32	3 General Physics, Advanced[3] (*Wadsworth*) DM Mon.–Fri. 10:30 4 Laboratory Practice, Advanced[4] (*Wadsworth*) DM Mon.–Wed. 1:30–4:30 5 Projection Drawing and Line Shading (*Wadsworth*) DM Wed.–Fri. 1:30–4:00 Sat. 9:30–12:30 7 Laboratory Methods (*Stratton*) DM Thur. and Fri. 2:00 9 Theory of Reduction of Observations[6] (*Wadsworth*) ½DM Mon.–Wed. 8:30 13 Research Course (*Michelson*) DMM Mon.–Fri. 2:00 14 Special Graduate Course[8] (*Michelson*) DM Thurs. and Fri. 11:30 15 Graduate Course[8] (*Michelson* and *Stratton*) DM Mon.–Thurs. 2:00 16 Spectrum Analysis (*Michelson*) ½DM Mon. and Tues. 11:30 22 Theoretical Physics[3] continued (*Bauer*) M Fri. 2:30–4:30; R 32 26 Geophysics[9] General Meteorology and Terrestrial Magnetism (*Bauer*) DM Tu., Thurs., Fri., Sat. 8:30; R 32	3 General Physics, Advanced[3] (*Michelson* and *Stratton*) DM 4 Laboratory Practice, Advanced[4] (*Wadsworth*) DM Mon.–Wed. 1:30–4:30 10 Curve Tracing and Graphical Solutions[7] (*Wadsworth*) ½DM Lectures. Thurs. and Fri. 11 Theory of Heat[8] (*Wadsworth*) DM Mon.–Wed., Sat. 11:30 13 Research Course, continued (*Michelson*) DMM 14 Special Graduate Course, continued[8] (*Michelson*) DM 15 Graduate Course, continued[8] (*Michelson* and *Stratton*) DM 17 Velocity of Light (*Michelson*) ½DM 23 Theoretical Physics.[3] Theory of the Potential Function (*Bauer*) DM 27 Geophysics.[3] Theoretical Meteorology (*Bauer*) DM	3 General Physics, Advanced[3] (*Michelson* and *Stratton*) DM 4 Laboratory Practice, Advanced[4] (*Stratton*) DM 6 Electrical Measurements (*Stratton*) DM 8 Design and Construction of Instruments of Precision[5] (*Wadsworth*) DM. Lectures: Wed.–Fri. 8:30. Laboratory: Thurs. and Fri. 1:30–4:00 12 Research Methods of Investigation[8] (*Wadsworth*) DM Mon., Wed., Sat. 11:30 13 Research Course, continued (*Michelson*) DMM 14 Special Graduate Course continued[8] (*Michelson*) DM 15 Graduate Course, continued[8] (*Michelson* and *Stratton*) DM 18 Application of Interference Methods (*Michelson*) ½DM

Remarks.

Courses 1 and 2 are for the Academic College students.
Course 9 is given in Summer Quarter as ¼DM in connection with Course 4.

PREREQUISITES.

Plane Trigonometry.
First Quarter of General Physics.
Differential and Integral Calculus.
Differential and Integral Calculus, and Course 2.
[5] Projection Drawing and Line Shading, and Course 3.
[6] Two Quarters of Differential and Integral Calculus.
[7] Differential and Integral Calculus, and Course 9.
[8] Course 3.
[9] Elementary Physics.

XX. CHEMISTRY.
K

SUMMER	AUTUMN	WINTER	SPRING
2 General Chemistry[4] (*Lengfeld*) MM First Term: **Mon.–Sat. 10:30–12:30** Laboratory: **Mon.–Thurs. 2:00–5:00; K 10**	1*a* General Chemistry[2 4] (*Smith*) DM **K 14** First Term: **Mon.–Fri. 11:30** Second Term: **Mon.–Wed. 11:30** Laboratory: **Wed.–Fri. 2:00–5:00; K 36**	1*a* General Chemistry[3 4] (*Smith*) DM **Mon.–Wed. 11:30** Laboratory: **Wed.–Fri. 2:00–5:00**	1*b* General Chemistry[2] (*Lengfeld*) DM First Term: **Mon.–Fri. 11:30** Second Term: **Mon.–Wed. 11:30** Laboratory: **Wed.–Fri. 2:00–5:00**
4 Qualitative Analysis[1 6] (*Lengfeld* and *Stieglitz*) DM or DMM	4 Qualitative Analysis[1 6] (*Stieglitz* and *Bernhard*) DM or DMM **K 24**	4 Qualitative Analysis[1 2 3 6] (*Stieglitz* and *Bernhard*) DM or DMM	3 General Chemistry[1 6] (*Smith*) DM
7 Quantitative Analysis[1 7] (*Lengfeld* and *Stieglitz*) DM or DMM	6 Quantitative Analysis[1 7] (*Stieglitz*) DM or DMM **K 24**	6 Quantitative Analysis[1 2 3 7] (*Stieglitz*) DM or DMM	4 Qualitative Analysis[1 2 3 6] (*Stieglitz* and *Bernhard*) DM or DMM
10 Organic Chemistry[7] (*Curtiss*) DMM **Mon.–Sat. 8:30**	8 Elementary Spectrum Analysis[1 6] (*Stieglitz*) ½ DM **K 44**	9 Organic Chemistry[3] (*Nef*) DM **Thurs.–Sat. 11:30**	6 Quantitative Analysis[1 2 3 7] (*Stieglitz*) DM or DMM
14 Advanced Inorganic Work[1 8] (*Lengfeld*) M or MM	9 Organic Chemistry[7] (*Nef*) DM **Thurs.–Sat. 11:30 K 14**	18 Organic Preparations[1 2 3] (*Nef*) DM or DMM	9 Organic Chemistry[3] (*Nef*) M First Term **Thurs.–Sat. 11:30**
19 Organic Preparations[1 8] (*Curtiss*) DM or DMM	13 Advanced Inorganic Work[1 8] (*Smith*) DM or DMM **K 15**	20 Research[1] (All Instructors) DMM	11 Advanced Inorganic Chemistry[6] (*Smith*) ½ DM
20 Research[1] (*Nef* and *Stieglitz*) DMM	18 Organic Preparations[1 8] (*Nef*) DM or DMM **K 15**	21 Journal Meeting[3] (*Nef*) **Fri. 4:30**	13 Advanced Inorganic Work[1 8] (*Smith*) DM or MM
25 Special Organic Chemistry[5] (*Nef*) ½ M Second Term **Fri. and Sat. 11:30**	20 Research[1] (All Instructors) DMM **K 31**	24 Organic Nitrogen Derivatives[5] (*Stieglitz*) ½DM **Mon. and Thurs. 8:30**	18 Organic Preparations[1] (*Nef*) M or MM First Term
	21 Journal Meeting (*Nef*) **Fri. 4:30 K 14**	27 Coal Tar Colors[3] (*Ikuta*) ½ DM	20 Research[1] (All Instructors) DMM
	23 Carbohydrates[5] (*Stieglitz*) ½ DM **K 14 Wed. and Thurs. 8:30**	28 Gas Analysis[1 8] (*Curtiss*) DM	
	27 Coal Tar Colors[5] (*Ikuta*) ½ DM **K 14**	29 Quantitative Analysis by Electrolytic Methods (*Stieglitz*) DM or DDM Laboratory Work	

REMARKS.

[1] Laboratory Work. [2] Repeated. [3] Continued.

PREREQUISITES.

[4] College Physics. [5] Organic Chemistry. [6] General Chemistry. [7] Qualitative Analysis. [8] Quantitative Analysis.

XXI. Geology.*

SUMMER	AUTUMN	WINTER	SPRING
9 General Geology[4] (*Chamberlin*) MM First Term 9:30–11:30 29 Field Class in Geology (*Chamberlin*) MM and M Second Term† 30 Professional Geology 31 Independent Field Work†	1 Physiography (*Salisbury*) DM 9:30 2 Geometrical and Physical Crystallography[1] (*Iddings*) DM 9:30 6 Petrography (*Iddings*) DM or DMM 9 Geographic Geology[4] (*Salisbury*) DM or DMM 11:30 10 Laboratory Work in Geographic Geology[5] (*Salisbury*) M Second Term 17 Introduction to Palæontologic Geology[11] (———) DM or DMM 19 Special Palæontologic Geology[12] (———) DM or DMM 24 Principles and Working Methods of Geology[13] (*Chamberlin*) DM or DMM 10:30 25 Special Geology (*Chamberlin*) ½ DM or ½ DMM 26 Local Field Geology (*Chamberlin* and *Salisbury*) 27 General Seminar (*Chamberlin*)	1 Physiography, repeated (———) DM 9:30 2 Geometrical and Physical Crystallography,[1] continued (*Iddings*) M First Term 9:30 3 Descriptive Mineralogy[2] (*Iddings*) M Second Term 9:30 6 Petrography, continued (*Iddings*) DM or DMM 11 Structural Geology and Continental Evolution[6] (*Salisbury*) DM or DMM 11:30 12 General Geology (*Salisbury*) DM or DMM 9:30 13 Dynamic Geography[7] (*Salisbury*) M, DM or DMM 14 Economic Geology[8] (*Penrose*) DM 8:30 15 The Chemistry of Ore Deposits[9] (*Penrose*) DM 18 Palæontologic Geology, Palæozoic Life[12] (———) DM or DMM 19 Special Palæontologic Geology, continued[13] (———) DM or DMM 20 Pre-Cambrian Geology (*Van Hise*) M First Term 21 Laboratory Course in Pre-Cambrian Geology (*Van Hise*) M First Term 24 Principles and Working Methods of Geology, continued[13] (*Chamberlin*) M or MM First Term 10:30 25 Special Geology, continued (*Chamberlin*) ½ DM or ½ DMM 27 General Seminar, continued (*Chamberlin*) 28 Seminar in Glacial Geology (*Chamberlin*) Second Term 10:30	3 Descriptive Mineralogy, continued[2] (*Iddings*) M First Term 9:30 4 Determinative Mineralogy (*Farrington*) M Second Term 9:30 5 Petrology (*Iddings*) DM 6 Petrography, continued (*Iddings*) DM or DMM 7 Petrology[3] (*Iddings*) ½ DM or ½ DMM 16 Geologic Life Development[10] (*Chamberlin*) DM 10:30 18a Palæontologic Geology, Mesozoic Life[12] (———) DM or DMM 19 Special Palæontologic Geology, continued[12] (———) DM or DMM 22 Archæologic Geology (*Holmes*) ¼ DM Fri. 2:00 23 Graphic Geology (*Holmes*) ¼ DM Fri. 3:00 25 Special Geology, continued (*Chamberlin*) ½ DM or ½ DMM 26 Local Field Geology (*Chamberlin* and *Salisbury*) 27 General Seminar, continued (*Chamberlin*)

Remarks.

* All courses at the University are given in Walker Museum (=W), 2d floor, Lecture-room or Laboratory.

† Location of field work to be selected later.

Course 1 is mainly for the Academic College Students.

Courses 12 and 27 open to Academic College Students only by special permission.

Courses 7, 8, 13, 20, 21, 24, 25, 28, 30 and 31 are primarily for Graduate Students.

PREREQUISITES.

[1] Physics and Inorganic Chemistry.
[2] Course 2.
[3] Course 6.
[4] Course 1, Elementary Geology, Chemistry and Physics.
[5] Open to members of Course 9 only.
[6] Course 9; Elementary Mineralogy and Petrology desirable.
[7] Courses 9 and 11, or equivalents.
[8] Courses 4 and 11; also Inorganic Chemistry and Physics.
[9] Courses 5, 6 and 14.
[10] Systematic Zoölogy and Botany, and Courses 11 or 12.
[11] Zoölogy and General Geology.
[12] Course 17.
[13] Courses 9 and 11, or their equivalents, the Elements of Mineralogy and Petrology, and their antecedents.

XXII. ZOÖLOGY.

K 14, 22, and 37

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
5*a* Marine Biology, at Wood's Holl (*Whitman*) DMM	1 Embryology—Research[1] (*Whitman*) DMM 9:00–4:00, daily; K 22	3 Embryology—Research[1] (*Whitman*) DMM 9:00–4:00, daily; K 22	5 Embryology—Research[1] (*Whitman*) DMM 2:00–4:00, daily; K 22
9*b* General Elementary Zoölogy (*Wheeler*) DMM First Term Mon.–Thurs. 9:30–12:30; K 37 Vertebrate Embryology (*Wheeler*) DMM Second Term Mon.–Thurs. 9:30–12:30; K 37	2 Seminar—Historical (*Whitman*) DM Tues. 4:00–5:00	4 Seminar—Historical (*Whitman*) DM Tues. 4:00–5:00	8 Anatomy and Physiology of the Cell (*Watasé*) DM Fri. 9:30–5:00; K 37
16 Special Bacteriology[4] (*Jordan*) Second Term M or MM 2:00–4:00; K 14	6 Anatomy and Physiology of the Cell (*Watasé*) DM Fri. 9:30–5:00; K 37	7 Anatomy and Physiology of the Cell (*Watasé*) DM Fri. 9:30–5:00; K 37	8*a* Visual Organs—Research (*Watasé*) DM or DMM
18 General Bacteriology (*Jordan*) M or MM Second Term 10:30–11:30; 2:00–4:00; K 14	8*a* Visual Organs—Research (*Watasé*) DM or DMM	8*a* Visual Organs—Research (*Watasé*) DM or DMM	10*c* Entomology—Research[2] (*Wheeler*) DM or DMM 9:00–4:00, daily; K 37
19 Heredity and Evolution (*Wyld*) M First Term 3:00; W 3d Floor	9 Comparative Anatomy of Vertebrates (*Wheeler*) DMM Mon.–Thurs. 9:30–12:30; K 37	14 Special Bacteriology[4] (*Jordan*) DM or DMM Tues. and Thurs. 2:00–5:00; K 14	11 Vertebrate Embryology[3] (*Wheeler*) DMM Mon.–Thurs. 9:30–12:30; K 37
	10*a* Entomology–Research[2] (*Wheeler*) DM or DMM 9:00–4:00, daily; K 37	15 General Biology, continued[5] (*Jordan*) DM Wed. 9:30–10:30; 2:00–5:00; K 14	19 Heredity and Evolution (*Wyld*) DM
	12 Special Bacteriology[4] (*Jordan*) DM or DMM Tues. and Thurs. 2:00–5:00; K 14	17 General Bacteriology (*Jordan*) ½DM Mon. and Fri. 10:30–11:30	20 Seminar (*Wyld*) DM
	13 General Biology[5] (*Jordan*) DM Tues., Wed., Thurs., 9:30–10:30; Tues., Sect. A. Wed., Sect. B. 2:00–5:00; K 14	19 Heredity and Evolution (*Wyld*) DM	
	19 Heredity and Evolution (*Wyld*) DM Wed. Thurs. and Fri. 3:00; W 3d Floor.	20 Seminar (*Wyld*) DM	
	20 Seminar (*Wyld*) DM		

PREREQUISITES.

[1] The elementary and advanced courses in General Biology, Embryology, Anatomy, and Histology.
[2] The elementary courses.
[3] General Biology, Histology, and Comparative Anatomy of Vertebrates.
[4] The elementary courses and general Bacteriology.

[5] Courses 9*b*, 13 and 15 are Academic College Courses.

XXIII. Anatomy and Histology.

K 37

SUMMER	AUTUMN	WINTER	SPRING
7 Histological Methods [1] (*Eycleshymer*) MM First Term Lecture: Thurs. 8:30 Laboratory: Mon., Thurs., Fri. 2:00–5:00; K 37 8 Elements of Histology (*Eycleshymer*) MM Second Term Lecture: Thurs. 8:30 Laboratory: Mon., Thurs., Fri. 2:00–5:00; K 37	1 Mammalian Anatomy (*Mr.* ———) M First Term Lecture: Day and hour to be arranged Laboratory: Thurs., Fri. 2:00–5:00 2 Histological Methods[1] (*Mr.* ———) MM Second Term Lecture: Day and hour to be arranged Laboratory: Mon., Thurs., Fri. 2:00–5:00	3 Elements of Histology[2] M First Term Lecture: Day and hour to be arranged. Laboratory: Thurs., Fri. 2:00–5:00 4 Elements of Histology,[3] continued M Second Term Lecture: Day and hour to be arranged Laboratory: Thurs., Fri. 2:00–5:00 5 Mammalian Anatomy DM Lectures and Laboratory	6 Mammalian Anatomy, continued DM Lectures and Laboratory

Prerequisites.

[1] Elementary Chemistry and Course 1. [2] Courses 1 and 2. [3] Course 3.

XXIV. Physiology.

R 34

SUMMER	AUTUMN	WINTER	SPRING
1 Physiology: Research work (*Loeb*) Wood's Holl DMM 2 Physiology: Laboratory work (*Lingle*) MM First Term 2:00–5:00; R 34 3 Introductory Physiology[4] (*Lingle*) MM Second Term 10:30; R 34	4 Original Investigation[1] (*Loeb*) DMM 9:30; R 34 5 Advanced Physiology[2] (*Loeb*) DM or DMM 2:00; R 34 6 General Physiology[3] (*Loeb*) DM Mon., Wed., Thurs., Sat. 10:30; R 34 7 Introductory Physiology[4] repeated (*Lingle*) DM Mon., Fri. 2:00; R 34 8 Physiology of Circulation[3] (*Lingle*) ½DM Tues. 10:30; R 34	4 Original Investigation[1] (*Loeb*) DMM 9:30; R 34 5 Advanced Physiology,[2] continued (*Loeb*) DM or DMM 2:00; R 34 9 Comparative Physiology[3] (*Loeb*) DM Mon., Wed., Thurs., Sat. 10:30; R 34 10 General Laboratory Work, Chemical Part (*Lingle*) DM Mon.–Wed. 2:00–5:00; R 34 11 Physiology of Digestion, Secretion and Metabolism[3] (*Lingle*) DM Lecture: Tues. 10:30 Laboratory: Mon.–Wed. 2:00–5:00	4 Original Investigation[1] (*Loeb*) DMM 9:30; R 34 5 Advanced Physiology,[2] continued (*Loeb*) DM or DMM 2:00; R 34 12 Physiology of Sense Organs[3] (*Loeb*) DM Mon., Wed., Thurs., Sat. 10:30; R 34 13 General Laboratory Work,[3] Physical Part (*Lingle*) DM Mon.–Wed. 2:00–5:00; R 34

Prerequisites.

[1] Course 5.

[2] Courses 6, 8, 11, 12, and 13, and reading knowledge of French and German.

[3] General Physics, General Chemistry, Elementary Biology, Elementary Anatomy and Histology, Introductory Physiology.

[4] Courses 3 and 7 are Academic College Courses.

XXV. Neurology.

K 42

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
Neurological Problems (*Donaldson*) DMM	Neurological Problems (*Donaldson*) DMM	Neurological Problems (*Donaldson*) DMM	Neurological Problems (*Donaldson*) DMM
5 Development of Central Nervous System[3] (*Donaldson*) DM Lecture: **Thurs. 8:30** Laboratory Work: **Thurs. and Fri. 2:00–5:00; K 42**	1 Architecture of Central Nervous System[1] (*Donaldson*) DM Lecture: **Thurs. 8:30** Laboratory Work: **Thurs. and Fri. 2:00–5:00; K 42**	2 Growth of Brain[1] (*Donaldson*) M First Term Lecture: **Thurs. 8:30** Laboratory Work: **Thurs. and Fri. 2:00–5:00; K 42**	4 Localization of Function in Cerebral Cortex[2] (*Donaldson*) DM Lecture: **Thurs. 8:30** Laboratory Work: **Thurs. and Fri. 2:00–5:00; K 42**
6 Seminar[4] (*Donaldson*) DM **Fri. 8:30–10:30; K 42**	6 Seminar[4] (*Donaldson*) DM **Fri. 8:30–10:30; K 42**	3 Sense Organs[1] (*Donaldson*) M Second Term Lecture: **Thurs. 8:30** Laboratory Work: **Thurs. and Fri. 2:00–5:00; K 42** 6 Seminar[4] (*Donaldson*) DM **Fri. 8:30–10:30; K 42**	6 Seminar[4] (*Donaldson*) DM **Fri. 8:30–10:30; K 42** 7 Introduction to Comp. Anat. of Nervous System (*Meyer*) ½ DM **Fri. 3:00–5:00**

Prerequisites.

[1] General Histology.
[2] General Histology and Elementary Physiology.
[3] General Histology and Embryology.
[4] Work in Neurology for at least one Quarter.

XXVI. Palæontology.

W 3d floor

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
5 Research in Osteology[3] (*Baur*) MM First Term **Mon.–Fri. 8:30–12:30; 2:00–5:00**	1 Vertebrate Zoölogy and Palæontology[1] (*Baur*) ½DM **Thurs. and Fri. 8:30**	2 Comparative Osteology[2] (*Baur*) ½DM **Thurs. and Fri. 8:30**	2 Comparative Osteology,[2] continued (*Baur*) ½DM
6 Human Osteology (*Baur*) M First Term **Fri. 7:30; Sat. 7:30–10:30**	3 Seminar in Phylogeny (*Baur*) ½DM **Wed. 2:00–4:00**	3 Seminar in Phylogeny (*Baur*) ½DM **Wed. 2:00–4:00**	3. Seminar in Phylogeny (*Baur*) ½DM
7 General Morphology of the Vertebrate Skeleton[4] (*Baur*) M First Term Lectures: **Mon. and Tues. 7:30** Laboratory: **Wed. 3:00–5:00**	5 Research in Osteology[3] (*Baur*) DMM **Mon. to Fri. 8:30–12:30, 2:00–5:00**	4 Laboratory Work (with 2) **Thurs. 2:00–4:00**	4 Laboratory Work, continued (with 2)
8 Systematic Phylogeny of Vertebrates[5] (*Baur*) M First Term **Wed. and Thurs. 7:30**	8 Systematic Phylogeny of Vertebrates (*Baur*) DM **Tues. and Wed. 8:30**	5 Research in Osteology, continued[3] (*Baur*) DMM **Mon. to Fri. 8:30–12:30, 2:00–5:00**	5 Research in Osteology,[3] continued (*Baur*) DMM
9 Palæontological Field Work (*Baur*) M Second Term		8 Systematic Phylogeny, continued (*Baur*) DM **Tues. and Wed. 8:30**	6 Human Osteology (*Baur*) DM

Prerequisites.

[1] Elementary Zoölogy.
[2] Outlines of Vertebrate Zoölogy and Palæontology, Comparative Anatomy, Embryology, Geology.
[3] Comparative Osteology and Phylogeny of Vertebrates.
[4] Elements of Comparative Anatomy.
[5] Elementary Zoölogy of Vertebrates.

Course 1 is an Academic College Course.

XXVII. Botany.

W 3d floor

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
4 Morphology of Cryptogams[2] (*Davis*) DM Lectures: Tues. and Fri. 11:30 Laboratory: Mon. and Thurs. 2:00–5:00 5 Plant Evolution[2] (*Clarke*) DM Laboratory and Lectures: Tues. and Fri. 2:00–5:00 Wed. 2:00–4:00 7 Elementary Systematic Botany[3] (*Clarke*) MM First Term MM Second Term, repeated and continued Tues., Wed., Fri., Sat. 8:30–11:30	1 Special Morphology[1] (*Coulter*) M Sat. 9:30 3 Advanced Laboratory Work[1] (*Coulter*) DM or DMM Sat. 6 Elementary General Morphology[3] (*Davis*) DM Lectures: Wed. and Fri. Laboratory: Tues. and Thurs. (Hours to be arranged)	1 Special Morphology,[1] continued (*Coulter*) First Term 2 Special Physiology of Plants[1] (*Coulter*) Second Term 3 Advanced Laboratory Work[1] (*Coulter*) DM or DMM 6 Elementary General Morphology,[3] continued (*Davis*) DM	2 Special Physiology of Plants,[1] continued (*Coulter*) M 3 Advanced Laboratory Work[1] (*Coulter*) DM or DMM 6 Elementary General Morphology,[3] continued (*Davis*) DM

Prerequisites.

[1] The equivalent of Course 6. [2] At least the equivalent of Course 7. [3] None. Open to all students.

XXVIII. Elocution.

K Theatre

AUTUMN	*WINTER*	*SPRING*
1 Required Elocution (*Clark*) 1 hr. a week Sec. 1 Tues. 10:30 Sec. 2–4 Wed., Thurs., Fri. 4:00	1 Required Elocution (*Clark*) 1 hr. a week Sec. 1 Tues. 10:30 Sec. 2–4 First Term Wed., Thurs., Fri. 4:00	1 Required Elocution (*Clark*) 1 hr. a week Sec. 1 Tues. 10:30 Sec. 2–4 Wed., Thurs., Fri. 3:00
2 Oratorical Declamation and Analysis[1] (*Clark*) Tues. to Sat. 11:30	3 Extempore Speaking[1] (*Clark*) M First Term Tues. to Sat. 11:30	4 Reading Aloud (*Clark*) DM Tues. to Fri. 3:00 5 Dramatic Reading[2] (*Clark*) DM Tues. to Sat. 11:30

Prerequisites.

[1] Course 1, or its equivalent. [2] Courses 1 and 2, or equivalents.

XXIX. Physical Culture.

Class Work in Physical Culture is required of all undergraduate students not excused on account of physical disability, during four half-hours a week. Six Quarters' work in Physical Culture is required of Academic College students and four Quarters of University College students. Students taking an excessive number of cuts will not be allowed to continue their University work until they shall conform to the requirements. Students are given choice of hour and course. Courses are offered in prescriptive work, general class drills, and athletic training. Each course is so arranged that those who take part in it receive work which tends to symmetrical development.

Students will select their period for class work from the following: Men — 8:45, 9:45, 10:45, 11:45 A.M. 5:15 P.M. Women — 9:45 A.M., 11:45 A.M., 2:15 and 3:15 P.M. Training for any of the University Athletic Teams will be accepted as an equivalent for gymnasium work.

A period lasts one-half hour and comes on Tuesday, Wednesday, Thursday, and Friday of each week. Bulletins containing appointments for physical examination and departmental communications will be posted.

ANNOUNCEMENT OF COURSES OFFERED BY THE FACULTY OF THE DIVINITY SCHOOL.

JULY 1, 1895, TO JULY 1, 1896.

NOTE.—The following is a list of the titles of courses to be given in the Divinity School from July 1, 1895, to July 1, 1896.

For a complete description of the courses consult the ANNUAL REGISTER, the DIVINITY CIRCULAR OF INFORMATION, and the DEPARTMENTAL PROGRAMMES.

SPECIAL NOTICE.—The **hour and place of the exercises** are printed in **bold-face type** after the title of the course. The number at the head of each course indicates its number in Register and Programme.

ABBREVIATIONS.—A, B, C, D refer to the floors in Cobb Lecture Hall, beginning with the ground floor as A. The rooms are numbered. K=Kent Chemical Laboratory, R=Ryerson Physical Laboratory, W=Walker Museum.

The abbreviations used in the description of the courses are: M-Minor, DM-Double Minor, MM-Major, DMM-Double Major

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REGISTRATION.—Students in residence must register for the Autumn Quarter on or before Saturday, September 7; the registration card and course cards may be obtained from the Dean. The student will, (1) write upon the registration card his full name, matriculation number, and Chicago address; (2) write upon each course card his full name, together with the number of the department and the number of the courses desired; (3) deposit the cards thus filled out with the Dean, and (4) receive from the Dean a class-ticket. No student is registered or entitled to admission to a course until the cards are accepted by the Deans.

Students entering the University for the first time or resuming work after an absence of a Quarter or a Term must register on or before Tuesday, October 1.

On registration the student's card will in every case be countersigned by the Registrar. A registration fee of $5.00 will be paid at that time. **This fee will be remitted if registration is effected on or before the assigned dates.**

THE GRADUATE DIVINITY SCHOOL.

LXI. Old Testament Literature and Interpretation.

Departments XLI. and VIII. are identical. The courses offered in both are the same.

HEBREW.

SUMMER	AUTUMN	WINTER	SPRING
2-3 Beginners' Hebrew (*Harper W. R.* and *Breasted*) MM First Term MM Second Term 8:30 and 2:00; D 15	7 Books of Chronicles (*Crandall*) M Second Term 11:30; D 13	8 Deuteronomy—Sight Reading (*Crandall*) ½M First Term	1 Beginners' Hebrew (*Harper W. R.* and *Crandall*) MM First Term
4 Samuel (*Harper R. F.*) M First Term 10:30; D 13	9c Book of Judges (*Crandall*) DM 8:30; D 15	14 Jeremiah—Sight Reading (*Crandall*) ½M Second Term	5 Books of Kings (*id.*) MM Second Term
5b Kings (*Harper R. F.*) M Second Term 10:30; D 13	25 Book of Job (*Hirsch*) M Second Term 9:30; D 15	15 Jeremiah (*Price*) M First Term	6 Books of Kings (*Kent*) First Term M
8 Hebrew Sight Reading—Deuteronomy (*Crandall*) ½M Second Term 10:30; D 6	34 History of Antiquity (*Goodspeed*) DM 2:00; D 16	16 Ezekiel (*Price*) M Second Term	11 Isaiah i–xxxix (*Price*) M First Term
8b Hebrew Sight Reading—Samuel (*Crandall*) ½M Second Term 11:30; D 6	39 Old Testament Prophecy (*Harper W. R.*) DM 10:30; D 15	31 Introduction to the History of the Hebrew Monarchy (*Goodspeed*) DM	13 Isaiah xl–lxvi (*Price*) M Second Term
8c Hebrew Sight Reading—Kings (*Breasted*) ½ M First Term 11:30; D 15	43 History of the Canon and Text of the Old Testament (*Price*) DM 2:00; D 15	45 Development of Old Testament Literature (*Harper W. R.*) DM	35 Contemporary History of the Old Testament—Egypt, Babylonia, Assyria (*Goodspeed*) DM
9b Deuteronomy (*Breasted*) M Second Term 11:30; D 15			44 General Introduction to Textual Criticism of Old Testament (*Hirsch*) DM
22 Minor Prophets, Babylonian Period (*Harper W. R.*) M First Term 7:30; D 15			51 Development of Old Testament Theological Ideas (*Harper W. R.*) DM
22b Minor Prophets, Post-exilic (*Harper W. R.*) M Second Term 7:30; D 15			52 Modern Discoveries and Old Testament (*Price*) DM
34 History of Antiquity (*Goodspeed*) MM Second Term 10:30–12:30; D 16			
94 Advanced Hebrew Grammar—Etymology (*Harper W. R.*) M First Term 9:30; D 15			
95 Advanced Hebrew Grammar—Syntax (*Harper W. R.*) M Second Term 9:30; D 15			

XLI. Old Testament Literature and Interpretation.—*Continued.*

ARAMAIC, RABBINIC, SYRIAC, SAMARITAN, MANDAIC, AND PHŒNICIAN.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
55 General Introduction to Rabbinic Literature and Life (*Hirsch*) M Second Term 9:30; D 16	60 Talmud (*Hirsch*) Rabbinical Seminar	61 Civil and Criminal Legislation of Talmud (*Hirsch*) M First Term	64 Talmudical Analogies to the New Testament (*Hirsch*) M First Term
63 History of Jewish Sects (*Hirsch*) M First Term 9:30; D 16	62 Rabbinical Commentaries on Genesis (*Hirsch*) M First Term 9:30; D 15	65 Rabbinical Philosophy (*Hirsch*) DM	
	68 Beginners' Syriac (*Harper R. F.*) DM 10:30; D 13	66 Biblical Aramaic (*Price*) M Second Term	
		69 Advanced Syriac (*Harper R. F.*) DM	
		99 Mandaic (*Hirsch*) M Second Term	

ASSYRIAN, ARABIC, ETHIOPIC, EGYPTIAN, COPTIC AND COMPARATIVE WORK.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
71 Assyrian Language (*Harper R. F.*) DM 8:30; D 13	76 Babylonian Historical Inscriptions (*Harper R. F.*) DM 9:30; D 13	79 Assyrian Syllabaries and Mythological Inscriptions (*Harper R. F.*) DM	76*b* Early Babylonian Inscriptions (*Price*) DM
73 Early Historical Inscriptions (*Harper R. F.*) DM 9:30; D 13	82 Earliest Unilingual Inscriptions (*Price*) Seminar DM 3:00; D 15	89 Arabic Poetry (*Harper W. R.*) DM	93 Philosophical Literature of the Arabs (*Hirsch*) DM
87 Earlier Suras of Quran (*Harper W. R.*) M First Term 10:30; D 15	88 Later Suras (*Harper W. R.*) DM 11:30; D 15	100 Ethiopic (*Harper W. R.*) M First Term	103 Semitic Seminar 2 (*Harper W. R.*) DM
90 Arabic 1001 Nights (*Hirsch*) M First Term	103 Semitic Seminar 2 (*Harper W. R.*) 3DM Autumn to Spring Quarter Sat. 7:30; D 15	103 Semitic Seminar 2 (*Harper W. R.*) DM	105 Comparative Lexical Study of South Semitic Languages (*Price*) Seminar DM
91 Arabic Geography, History and Commentary (*Harper W. R.*) M Second Term 10:30; D 15	106 Elementary Egyptian (*Breasted*) DM 2:00; D 13	104 Comparative Lexical Study North Semitic Languages (*Price*) Seminar	108 Late Egyptian (*Breasted*) DM
93 Philosophical Literature of Arabians (*Hirsch*) M Second Term	113 Elementary Coptic (*Breasted*) DM	107 Egyptian Texts of Classic Period (*Breasted*) DM	115 Coptic Reading Boheiric Texts (*Breasted*) M Second Term
101 Advanced Ethiopic (*Hirsch*) M First Term	113*a* Thier und Mensch (*Breasted*) DM 3:00; D 13	114 Coptic Reading, Sahidic Texts (*Breasted*) DM	
106 Elementary Egyptian (*Breasted*) DM			

XLII. New Testament Literature and Interpretation.

Departments XLII. and IX. are identical. The courses offered in both are the same.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
2 New Testament Greek (*Votaw*) MM First Term 8:30 and 2:00; D 16	4 Rapid Reading in the New Testament (*Votaw*) DM 10:30; D 16	1 New Testament Greek (*Burton*) DM	43 Origin of the Septuagint[3] (*Arnolt*) DM
7 Greek Palæography (*Gregory*) M Second Term 7:30; D 16	10*a* New Testament Times in Palestine (*Mathews*) DM 10:30; D 11	13 History of the Apostolic Church (*Mathews*) DM	58 History of Criticism of the Gospels (*Arnolt*) DM
9 New Testament Textual Criticism (*Gregory*) M Second Term 8:30; D 16	11 New Testament Times in Græco-Roman World (*Mathews*) DM 8:30; D 11	28 John (*Burton*) DM	60 History of Interpretation (*Mathews*) DM
15*b* Social History of New Testament Times (*Mathews*) M First Term 9:30; D 6	25 Matthew,[1] (*Burton*) DM 10:30; D 2	29 Acts (*Mathews*) DM	
34 Philippians (*Burton*) M Second Term 9:30; D 2	40 New Testament Quotations[2] a Seminar (*Burton*) DM Wed. Fri. 3:00–5:00; D 11	48 Philo (*Arnolt*) M First Term	
45 Psalms and Ecclesiastes in Greek[3] (*Arnolt*) M First Term 7:30; D 16	53 Sub-apostolic Greek Literature (*Arnolt*) DM 9:30; D 16	54 New Testament Apocrypha (*Arnolt*) M First Term	
	55 Christian Literature to Eusebius (*Arnolt*) DM 8:30; D 16	B4 Teaching of Jesus (*Mathews*) DM	

Remarks.

Courses 1 (or 2) and 10 are prescribed for students of the first year in the Graduate Divinity School.
Course 25 is prescribed for students of the second year in the Graduate Divinity School.

Prerequisites.

[1] Course 1 or 2. [2] Courses 1 (or 2); 25 (or 27); and a knowledge of Hebrew. [3] A knowledge of Hebrew.

XLIII. Biblical Theology.

A–Old Testament; B–New Testament.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
	A39 Old Testament Prophecy (*Harper, W. R.*) DM 10:30; D 15	A45 The Development of the Old Testament Literature (*Harper, W. R.*) DM	A51 The Development of Old Testament Theological Ideas (*Harper, W. R.*) DM
		B4 Teaching of Jesus in Relation to the Thought of his Day (*Mathews*) DM	B2 Theology of the Gospel of John;[1] a Seminar (*Burton*) MM First Term
			B5 Sociological Ideas of the Apostolic Age; a Seminar (*Mathews*) DM

Prerequisite.

[1] Course 28 (The Gospel of John) in Department XLII-IX.

XLIV. Systematic Theology.

SUMMER	AUTUMN	WINTER	SPRING
2 Theology Proper (*Northrup*) M First Term 9:30; D 2	3 Philosophical Apologetics (*Foster*) DM 9:30; D 2	6 The Doctrine of the Bible (*Northrup*) DM	9 The Doctrine of God (*Northrup*) DM
7 Philosophy and the Christian Religion (*Northrup*) M First Term 11:30; D 2	11 Anthropology; The Christian Doctrine of Sin (*Foster*) DM 11:30; D 6	15 Eschatology (*Foster*) DM	18 Christian Ethics (*Foster*) DM
Agnosticism (*Bruce*) 12 Lectures, Second Term	13 Christology (*Northrup*) DM 11:30; D 2	19 Seminar, Christology, continued (*Northrup*) DM	19 Seminar, Christology, continued (*Northrup*) DM
Historical Foundations of the Faith (*Bruce*) 12 Lectures, Second Term	19 Seminar, Christology (*Northrup*) DM Tues. and Thurs. 3:00–5:00; D 2	20 Seminar, Development of Protestant Theology since Kant, continued (*Foster*) DM	21 Seminar, The Theology of Ritschl and his School (*Foster*) DM
	20 Seminar, Development of Protestant Theology since Kant (*Foster*) DM Wed. and Fri. 3:00–5:00; D 2		

Remarks.

Courses 3, 11, 13, are Required Courses.

XLV. Church History.

SUMMER	AUTUMN	WINTER	SPRING
1 Ancient Church History (*Hulbert*) M Second Term 9:30; D 6	5 Conversion of Northern and Western Europe (*Hulbert*) DM 2:00; D 6	3 From Constantine to Theodosius (*Hulbert*) DM	2 Prior to Constantine (*Johnson*) DM
13 Preparation in England and Bohemia for the Reformation (*Moncrief*) First Term 10:30; D 6	14 Forerunners of the Reformation in Italy (*Moncrief*) DM 7:30; D 2	7 From Charles the Great to Boniface VIII. (*Moncrief*) DM	13 Preparation in England and Bohemia for the Reformation (*Moncrief*) DM
15 Reformation Period (*Moncrief*) First Term 11:30; D 6	18 Swiss Reformation (*Johnson*) DM 9:30; D 11	21 The Dutch Reformation (*Moncrief*) DM	20 French Reformation (*Moncrief*) DM
32 English Church History under the Tudors (*Hulbert*) M Second Term 8:30; D 6	30 English Church History from Norman Conquest to Age of Wiclif A Seminar (*Hulbert*) DM Tues. and Thur. 3:00–5:00; D 6	51 History of Doctrines (*Johnson*) DM	22 The Counter Reformation (*Johnson*) DM
	59 Philosophy of History A Seminar (*Moncrief*) DM Wed. and Fri. 3:00–5:00; D 6	57 Christian Missions in 16th, 17th, and 18th Centuries (*Hulbert*) DM	58 Christian Missions in the 19th Century (*Hulbert*) DM

XLVI. Homiletics, Church Polity and Pastoral Duties.

AUTUMN	*WINTER*	*SPRING*
1 Homiletics DM Section *A* (*Anderson*) 3:00; D 7 Section *B* (*Johnson*) 11:30; D 11 (*Anderson* and *Johnson*) 3 History of Preaching (*Anderson*) DM 2:00 D 7	2 Plans and Sermons (*Anderson* and *Johnson*) DM 6 Masterpieces of Pulpit Eloquence (*Anderson*) DM	4 Church Polity and Pastoral Duties (*Anderson*) DM 5 Hymnology (*Anderson*) DM

VI. Sociology.

AUTUMN	*WINTER*	*SPRING*
14 Seminar (*Henderson*) DM Tues. 4:00- 6 00; C 2 15 Organized Christianity (*Henderson*) M First Term 8:30; D 6 18 The Family (*Henderson*) DM 9:30; D 6 19 Voluntary Associations (*Henderson*) M Second Term 8:30; D 6	14 Seminar (*Henderson*) DM Tues. 4:00-6:00; C 2 16 Dependents and Defectives (*Henderson*) M Second Term 2:00; C 11 31 American Rural Life (*Henderson*) M First Term 3:00; C 11 32 Agencies for Welfare (*Henderson*) M First Term 2:00; C 11 33 Modern Cities (*Henderson*) M Second Term 3:00; C 11	14 Seminar (*Henderson*) DM Tues. 4:00-6:00; C 2 17 Crime and Criminals (*Henderson*) M First Term 2:00; C 11 34 Biblical and Ecclesiastical Sociology (*Henderson*) M First Term 2:00; C 11 35 Historic Forms of Philanthropy (*Henderson*) M Second Term 3:00; C 11

Remarks.

Those who take the Seminar, Course 14, will omit Courses 15, 19, 32, and 33.

THE DANO-NORWEGIAN THEOLOGICAL SEMINARY.

(*Morgan Park.*)

L. Old and New Testament Literature and Interpretation.

AUTUMN	*WINTER*	*SPRING*
2 General Introduction (*Gundersen*) DM 8:30	5 Particular Introduction to New Testament (*Gundersen*) DM 3 Biblical Antiquities (*Landahl*) DM	4 Epistle to the Romans (*Gundersen*) M First Term

LI. Systematic Theology.

1 Introduction to the Science of Christian Theology (*Gundersen*) M First Term 9:30 2 Antecedents of Redemption (*Gundersen*) M Second Term 9:30	3 Redemption Itself (*Gundersen*) M First Term 4 Consequences of Redemption (*Gundersen*) M Second Term	5 New Testament Ethics (*Gundersen*) M First Term

LII. Homiletics, Church Polity and Pastoral Duties.

1 Church Polity (*Olsen*) DM 10:30	2 Theory of Preaching (*Olsen*) M First Term 3 Sermonizing and Preaching (*Olsen*) M Second Term	4 Sermonizing and Preaching, continued (*Olsen*) M First Term

LIII. Church History.

1 The Early Church (*Landahl*) DM 11:30		

THE SWEDISH THEOLOGICAL SEMINARY.

(*Morgan Park.*)

LV. Old and New Testament Literature and Interpretation.

AUTUMN	*WINTER*	*SPRING*
1 Genesis (*Lagergren*) M First Term 2:00	3 Isaiah (*Lagergren*) M First Term	5 Pastoral Epistles (*Lagergren*) M First Term
2 Gospel of Mathew (*Lagergren*) M Second Term 2:00	4 Book of Acts (*Lagergren*) M Second Term	

LVI. Systematic Theology and Pastoral Duties.

4 Anthropology (*Lagergren*) M First Term 3:00	6 Soteriology, continued (*Lagergren*) M First Term	8 Eschatology (*Lagergren*) M First Term
5 Soteriology (*Lagergren*) M Second Term 3:00	7 Church Polity (*Lagergren*) M Second Term	

LVII. Church History.

1 Ancient Church History (*Peterson*) M First Term 8:30	3 Modern Church History (*Peterson*) DM	4 American Church History (*Peterson*) M First Term
2 Mediæval Church History (*Peterson*) M Second Term 8:30		

AFFILIATED ORGANIZATIONS.

A. Disciples' Divinity House.

SPECIAL COURSES.

AUTUMN	WINTER	SPRING
1 History of the Disciples (*Willett*) DM D 6; 10:30	2 History of the Disciples, continued (*Ames*) DM	3 History of the Idea of Christian Union (*Willett*) DM

B. Cumberland Presbyterian Divinity House.

SPECIAL COURSES.

	1 Origin and Growth of the Cumberland Presbyterian Church (*Logan*) DM	2 Doctrines and Polity of the Cumberland Presbyterian Church (*Logan*) DM

TIME SCHEDULE.

AUTUMN QUARTER, 1895.

The Laboratory and Research Work of the Departments in the Ogden School of Science is only partially indicated in this time schedule.

Hours. A. M.	Divinity School.	Graduate School and University Colleges of Arts and Literature.	Ogden (Graduate) School and University College of Science.	Academic Colleges.
7:30	Forerunners of Reformation in Italy (*Moncrief*).	Semitic Seminar 2. (*W. R. Harper*) Lat.		
8:30	New Testament Times in the Græco-Roman World (*Mathews*). Christian Literature to Eusebius (*Arnolt*). Organized Christianity (*Henderson*) 1st Term. Voluntary Associations (*Henderson*) 2d Term. General Introduction (*Gundersen*). Ancient Church History (*Peterson*). 1st Term. Mediæval Church History (*Peterson*). 2d Term.	Experimental Psychology (*Angell* and *Moore*). Principles of Political Economy, Section *a* (*Hill*). History of Political Economy (*Closson*). Province of Sociology (*Vincent*). Book of Judges (*Crandall*). Demosthenes and Æschines (*Capps*). Pliny (———) Elementary French (*Bergeron*). Advanced German Prose Composition (*Cutting*).	Advanced Integral Calculus (*Bolza*). Mathematical Seminar (*Moore*). Saturday 8:30–10:30. General Astronomy (*Laves*). Theory of Reduction of Observations (*Wadsworth*). Monday to Wednesday. Geophysics (*Bauer*). Tuesday, Thursday, Friday. Carbohydrates (*Stieglitz*). Wednesday and Thursday. Architecture of Central Nervous System (*Donaldson*). Thursday. Seminar: Neurology (*Donaldson*). Friday, 8:30–10:30. Vertebrate Zoölogy (*Baur*). Thursday and Friday. Research in Osteology (*Baur*). Mon.–Fri., 8:30–12:30; 2:00–5:00 Systematic Phylogeny of Vertebrates (*Baur*). Tuesday and Wednesday	Principles of Political Economy, Section *a* (*Hill*). Outline of Modern Europe, Section *a* (*Schwill*). History: Mediæval Period (*Thompson*). Homer, *Iliad* (*Owen*). Cicero, *Orations* (*Walker*). Elementary French (*Bergeron*). Elementary French (———). Elementary German, Section *a* (*Kern*). Elementary German, Section *b* (*Almstedt*). Rhetoric and English Composition (*Lewis*). Required Mathematics, 1*d* (*Slaught*). Vertebrate Zoölogy and Palæontology (*Baur*). Thursday and Friday.
9:30	Sub-Apostolic Literature (*Arnolt*). Philosophical Apologetics (*Foster*). Swiss Reformation (*Johnson*). The Family (*Henderson*). Introduction to Christian Theology (*Gundersen*). 1st Term. Antecedents of Redemption (*Gundersen*). 2d Term.	Logic of Ethics (*Dewey*). History of Philosophy (*Tufts*). Principles of Political Economy, Section *b* (*Closson*). Civil Government (*Judson*). Administrative Law (*Freund*). Renaissance (*Schwill*). Rabbinical Commentaries (*Hirsch*). 1st Term. Book of Job (*Hirsch*). 2d Term. Babylonian Historical Inscriptions (*R. F. Harper*). Virgil, Tibullus, Propertius (*Chandler*). Elementary French (*Howland*). French Syntax (*Bergeron*). German Literature from 1720–1800 (*von Klenze* and *McClintock*). Peotry of Tennyson (*Tolman*). Criticism of Criticism (*Wilkinson*). 1st Term. Short Stories (*Wilkinson*). 2d Term.	Partial Differential Equations (*Boyd*). Probability and Least Squares (*Laves*). Projection Drawing and Line Shading (*Wadsworth*). Saturday 9:30–12:30. Crystallography (*Iddings*). Embryology; Research (*Whitman*). Daily, 9:00–4:00. Anatomy and Physiology of Cell (*Watasé*). Friday, 9:30–5:00. Comparative Anatomy of Vertebrates (*Wheeler*). Monday to Thursday, 9:30–12:30. Entomology; Research (*Wheeler*). Daily, 9:00–4:00. Physiology: Original Investigation (*Loeb*). Botany: Special Morphology (*Coulter*). Saturday.	Principles of Political Economy, Section *b* (*Closson*). Outline of Modern Europe, Section *b* (*Catterall*). Homer, *Odyssey* (*Owen*). Cicero; Livy, Section *a* (*Walker*). Cicero; Livy, Section *b* (*Moore*). Elementary French (*Howland*). Modern German Prose (*Kern*). English Composition (*Moody*). Required Mathematics, 1*a* (*Young*). General Physics: Lectures (*Stratton*). Physiography (*Salisbury*). General Biology (*Jordan*) Wedn.
10:30	Old Testament Prophecy (*W. R. Harper*). New Testament Greek (*Votaw*). New Testament Times in Palestine (*Mathews*). Gospel of Matthew (*Burton*). History of Disciples (*Willett*). Church Polity (*Olsen*).	Introductory Psychology, Section A (*Angell* and *Moore*). Kant's Critique of pure reason (*Tufts*). Socialism (*Veblen*). International Law (*Judson*). Protestant Reformation (*Catterall*). History of the United States (*Shepardson*). Seminar in English History (*Terry*). Monday, 10:30–12:30. Classical Archæology (*Tarbell*). Mexico (*Starr*). House Sanitation (*Talbot*). History of Woman (*Thomas*). Old Testament Prophecy (*W. R. Harper*). Beginners' Syriac (*R. F. Harper*). Introduction to Indo-European Philology (Buck). 1st Term. Roman Philosophy (*Chandler*). French Literature (*Bergeron*).	Analytics and Calculus, Section *a* (*Boyd*). Equations. First Quarter (*Young*). Algebraic Functions (*Bolza*). General Physics: Advanced (*Wadsworth*). Monday to Friday. Theory of Attractions (*See*). Principles and Working Methods of Geology (*Chamberlin*). General Physiology (*Loeb*). Monday, Wednesday, Thursday, Saturday. Physiology of Circulation (*Lingle*). Tuesday.	Xenophon and Plato (*Capps*) Horace, *Odes*, Section *a* (*Miller*). Modern German Lyrics and Ballads (*von Klenze*). German, Intermed. Course (*Almstedt*). Rhetoric and English Composition (*Moody*. English Literature, A (*Tolman*). Required Mathematics, 1*b* (*Hancock*). Mathematical Pedagogy (*Young*). Required Elocution, Section 1 (*Clark*). Tuesday.

10:30		Elementary Italian (*Howland*). Elementary Swedish (*Dahl*). Poetry of Wordsworth (*McClintock*).		
11:30	Life of Christ (*Burton*). Christology (*Northrup*). Anthropology: Doctrine of Sin (*Foster*). Homiletics, Section *B* (*Johnson*). Oratorical Declamation (*Clark*). Tues. to Sat. The Early Church (*Lawdahl*).	Introductory Psychology, Section B (*Angell* and *Moore*). General Pedagogy (*Bulkley*). Money (*Laughlin*). Statistics (*Gould*). Tariff History (*Hill*). General Jurisprudence (*Freund*). General Anthropology (*Starr*). Comparative Psychology (*Thomas*). Arabic: Later Suras (*W. R. Harper*). Book of Chronicles (*Crandall*). 2d Term. Comparative Grammar (*Buck*). 2d Term. Sanskrit (*Buck*). Cicero's Letters (*Abbott*). French Readings (*Bergeron*). Italian Philology (*Bruner*). Faust (*Cutting*). Studies in Ibsen (*Dahl*). Development of English Lyric Poetry (*Carpenter*). Life of Christ (*Burton*). Oratorical Declamation (*Clark*). Tuesday to Saturday. English Romantic Poets (*Reynolds*).	Analytics and Calculus, Section *b* (*Boyd*). History of the Physical Sciences (*See*). Special Graduate Course (*Michelson*). Thursday and Friday. Spectrum Analysis (*Michelson*). Monday and Tuesday. General Chemistry (*Smith*). 1st Term, Monday to Friday. 2d Term, Monday to Wednesday. Organic Chemistry (*Nef*). Thursday to Saturday. Geographic Geology (*Salisbury*). Oratorical Declamation (*Clark*). Tuesday to Saturday.	Euripides (*Tarbell*). Terence, Tacitus; Section *a* (*Miller*). Terence; Tacitus; Section *b* (———). English: Fortnightly Themes (*Lewis*). Tuesday. Life of Christ (*Burton*). Required Mathematics, 1c (*Hancock*). General Chemistry (*Smith*). 1st Term. Monday to Friday. 2d Term. Monday to Wednesday.
P. M. 12:30 to 1:00	CHAPEL EXERCISE.	CHAPEL EXERCISE.	CHAPEL EXERCISE.	CHAPEL EXERCISE.
2:00	Conversion of Northern and Western Europe (*Hulbert*). History of Preaching (*Anderson*). Genesis (*Lagergren*). 1st Term. Matthew (*Lagergren*). 2d Term.	Advanced Statistics (*Gould*). Finance (*Closson*). History of Antiquity (*Goodspeed*). Modern French Monarchy (*Thompson*). Physical Anthropology; Laboratory (*Starr*). Social Philosophy (*Small*). Dynamics: a Seminar (*Small*). Monday, 2:00–4:00. Contemporary Society (*Vincent*). Canon and Text of Old Testament (*Price*). Elementary Egyptian (*Breasted*). Old Norse Literature (*Dahl*). Popular Latin (*Poyen-Bellisle*). Elementary Spanish (———). Old English, Advanced (*Blackburn*). English Language Seminar (*Blackburn*). Monday, 2:00–4:00.	Functions (*Moore*). Monday and Wednesday 2:30–4:30. Elliptic Functions. First Quarter. (*Moore*). Tuesday and Thursday 2:30–4:30. Physics, Laboratory Practice, Advanced (*Wadsworth*). Mon. to Wed. 1:30–4:30. Projection Drawing and Line Shading (*Wadsworth*). Wednesday to Friday 1:30–4:00. Laboratory Methods (*Stratton*). Thursday and Friday. Research Course (*Michelson*). Monday to Friday. Graduate Course (*Michelson* and *Stratton*). Monday to Thursday. Theoretical Physics (*Bauer*). Friday, 2:30–4:30. General Chemistry (*Smith*) Laboratory. Wednesday to Friday. 2:00–5:00. Special Bacteriology (*Jordan*). Tuesdays and Thursdays 2:00–5:00. Advanced Physiology (*Loeb*). Neurology: Laboratory Work (*Donaldson*). Thursday and Friday, 2:00–5:00. Seminar in Phylogeny (*Baur*). Wednesday 2:00–4:00.	Elementary Spanish (———). Rhetoric and English Composition (*Lovett*). English: Advanced Themes (*Lovett*) Tuesday, 1:30. English Literature, B (*Reynolds*). Chemistry 1 } (*Smith*). Laboratory Work } (*Smith*). Wednesday to Friday. General Biology (*Jordan*) Wednesday. Introductory Physiology (*Lingle*). Monday and Friday.
3:00	Seminar: New Testament Quotations (*Burton*). Wednes. and Fri. 3:00–5:00 Seminar: Christology (*Northrup*). Tues. & Thurs. 3:00–5:00. Seminar: Development of Modern Protestant Theology (*Foster*). Wed. & Fri. 3:00–5:00.	Seminar: History of Philosophy (*Dewey*). Wednesday, 3:00–5:00. Seminar: Political Economy (*Laughlin*). French Revolution (*von Holst*). Seminar (*Talbot*). 3:00–5:00. Religions of India (*Goodspeed*). Unilinqual transcriptions (*Price*). Arabic: Thier und Mensch (*Breasted*). Plato (*Shorey*) Monday and Friday, 3:00–5:00. Seminar (*Shorey*) Wednesday, 3:00–5:00.	Heredity and Evolution (*Wyld*). Wednesday to Friday.	Outline of Modern Europe, Section *c* (*Catterall*). Horace, *Odes*, Section *b* (*Moore*). Elementary French (*Poyen-Bellisle*). Elementary German; Section *a* (*Kern*). Elementary German; Section *b* (*Almstedt*). Chemistry 1 } (*Smith*). Laboratory Work } (*Smith*). Wednesday to Friday. General Biology (*Jordan*). Wednesday.

3:00	Seminar: English Church History, I. (*Hulbert*). Tues. and Thurs. 3:00–5:00. Seminar: Philosophy of History (*Moncrief*). Wed. and Fri. 3:00–5:00. Homiletics: Section *A* (*Anderson*). Anthropology (*Lagergren*) Soteriology (*Lagergren*) 2d Term.	Latin Seminar (*Abbott*). Tuesday, 3:00–5:00. Elementary French (*Poyen-Bellisle*). Old French Phonology (*Bruner*). Spanish Literature (————). Scandinavian 19th Century Literature (*Dahl*). Advanced English Composition (*Lovett*). Daily Themes (*Lovett*). Monday. Seminar: Art of Poetry (*Wilkinson*). Old English, Elementary (*Blackburn*).		
4:00	Seminar in Sociology (*Henderson*) Tues. 4:00–6:00	Kant Seminar (*Tufts*). Tuesday, 4:00–6:00. Seminar: Political Science (*Judson*). Tuesday, 4:00–6:00. Transition Period (*Terry*). Seminar: American History (*von Holst*). Monday, 4:00–6:00. Northern Buddhism (*Buckley*). Sanskrit, Advanced (*Stratton*). Old French Readings (*Poyen-Bellisle*). Italian Literature in English (*Howland*). Gothic (*Schmidt-Wartenberg*). English Romantic Movement (*McClintock*). Wednesday and Thursday, 4:00–6:00.	Seminar: Historical Embryology (*Whitman*). Tuesdays.	English: Fortnightly Themes (*Lewis*). Tuesday. Chemistry 1 } (*Smith*). Laboratory Work } (*Smith*). Wednesday to Friday. General Biology (*Jordan*). Wednesday. Required Elocution (*Clark*). Section 2, Wednesday; Section 3, Thursday; Section 4, Friday.
5:00		Germanic Philology (*Schmidt-Wartenberg*).		

ROOM SCHEDULE, COBB LECTURE HALL.

AUTUMN QUARTER, 1895.

NOTE.—B C and D indicate the Second, Third and Fourth Floor of Cobb Lecture Hall. The numerals after the name of the Instructor indicate the number of Department and Course. **Bold-face** type indicates Academic College Courses. T. Term.

ROOM	7:30	8:30	9:30	10:30	11:30	2:00	3:00	4:00
B. 2		**Owen (xi 1)**	**Owen (xi 3)**	Tarbell (v 1)	**Tarbell (xi 7)**		Shorey (xi 22) Mon. and Fri. 3:00–5:00 (xi 26) Tues. 3:00–5:00	
3				Buck (x 1 and 2)	Buck (x 4)			A. W. Stratton (x 14)
5				Chrndler (xii 25)			Abbott (xii 34)	Wed. 3:00–5:00
6		Mr. —— (xii 17)	**Moore (xii 4*b*)**	**Capps (xi 2)**	Abbott (xii 11)			
7		Capps (xi 14)	**Walker (xii 4*a*)**	**Miller (xii 6*a*)**	**Miller (xii 5*a*)**			
8		**Walker (xii 1)**	Chandler (xii 15)		**Mr. —— (xii 5*b*)**		**Moore (xii 6*a*)**	
9		Cutting (xiv 12)	von Klenze and McClintock (xiv 6)	**von Klenze (xiv 32)**	Cutting (xiv 3)	Dahl (xiv 23)	**Almstedt (xiv 29*b*)**	Schmidt-Wartenberg (xiv 13); (xiv 17) at 5:00
10		**Kern (xiv 29*a*)**	**Kern (xiv 31)**	**Almstedt (xiv 30)**	von Klenze (xiv 2)		**Kern (xiv 29*a*)**	
12		**Mr. —— (xiii 3)**	**Howland (xlii 1)**	Howland (xiii 31)	Bruner (xiii 41)	**Mr. —— (xiii 51)**	Bruner (xiii 21)	Howland (xiii 34)
14				Dahl (xiv 21)			Dahl (xiv 25)	
16		**Bergeron (xiii 1)**	Bergeron (xiii 4)	Bergeron (xiii 10)	Bergeron (xiii 7)	Poyen (xiii 27)	**Poyen (xiii 2)**	Poyen (xiii 24)
C. 1								Judson (iii 10) Tues. 4:00–6:00
2						Small (vi 28) Mon. 2:00–4:00		Henderson (vi 14) Tues. 4:00–6:00
3		Hill (ii 1*a*)	Closson (ii 1*b*)	Veblen (vii 7)	Laughlin (ii 9)	Closson (ii 15)	Laughlin (ii 20)	
7				Terry (iv 59) Mon. 10:30–12:30				von Holst (iv 63) Mon. 4:00–6:00; Terry (iv 24)
8		**Thompson (iv 1)**	**Catterall (iv 2*b*)**	Catterall (xiv 4)	Hill (ii 13)	Thompson (iv 31)	**Catterall (iv 2*c*)**	
9		**Schwill (iv 2*a*)**	Judson (iii 11)	Judson (iii 21, 22)	Gould (ii 10)	Gould (ii 11)	von Holst (iv 44)	
10		Closson (ii 5)	Freund (iii 25)	Thomas (vi 42)	Freund (iii 31)	Small (vi 29A)	Talbot (vi 10)	Talbot (vi 10)
11		Vincent (vi 24)	Schwill (iv 32)	Talbot (vi 11)	Thomas (vi 41)			
13			Dewey (i 13)	Shepardson (iv 51)	Bulkley (i B 3)			
14							Dewey (i 11) Wed. 3:00–5:00	Tufts (i 8) Tues. 4:00–6:00
17		**Almstedt (xiv 29*b*)**	Tufts (i 4)	Tufts (i 5)		Vincent (vi 37)		
D. 1			**Moody (xv 2)**				Lovett (xv 5*a* and 5*b*)	
2			Foster (xliv 3)	Burton (ix 25)	Northrup (xliv 13)		Northrup (xliv 19) Foster (xliv 20)	Tues. and Thurs. 3:00–5:00 Wed. and Fri. 3:00–5:00
6	Moncrief (xlv 14)	Henderson (vi 15 and 19)	Henderson (vi 14)		Foster (xliv 11)	Hulbert (xlv 5)	Hulbert (xlv 30) Moncrief (xlv 59)	Tues. and Thurs. 3:00–5:00 Wed. and Fri. 3:00–5:00
7		**Slaught (xvii 1*d*)**	**Young (xvii 1*a*)**	**Hancock (xvii 1*b*)**	**Hancock (xvii 1*c*)**	Anderson (xlvi 3)	Anderson (xlvi 1A)	
8			Tolman (xv 57A)	McClintock (xv 52)	Reynolds (xv 54)	**Reynolds (xv 40B)**	Wilkinson (xv 80)	McClintock (xv 51A) Wed. and Thurs. 4:00–6:00
9			Wilkinson (xv 81 & 82)	**Tolman (xv 40A)**	Carpenter (xv 88)	Blackburn (xv 21) (xv 23) Mon. 2:00–4:00	Blackburn (xv 20A)	
11		Mathews (ix 11)	Johnson (xlv 18)	Mathews (ix 10*a*)	Johnson (xlvi 1B)		Burton (ix 40)	Wed. and Fri. 3:00–5:00
13			R. F. Harper (viii 76)	R. F. Harper (viii 68)	Crandall (viii 7) 2T	Breasted (viii 106)	Breasted (viii 113*a*)	
15	W. R. Harper (viii 103) Sat. 7:30–9:30	Crandall (viii 9*c*)	Hirsch (viii 62 & 25)	W. R. Harper (viii 39)	W. R. Harper (viii 88)	Price (viii 43)	Price (viii 82)	
16		Arnolt (ix 55)	Arnolt (ix 53)	Votaw (ix 4)	Burton (xvi B 3)	Goodspeed (iv 7= viii 34)	Goodspeed (vii 2)	

The Official and Semi-Official Organizations.

NOTE.—It has been decided to publish in the QUARTERLY CALENDAR brief abstracts of papers read at the meetings of the Philological Society and the Departmental Clubs. The presiding officers of these associations are requested to announce this decision at the meetings of their club; and the secretaries are expected to send at their earliest convenience, to the Recorder's office, a report containing: (1) Date of regular meeting of the club, and (2) List of officers elected for the current year. It shall also be the secretaries' duty to furnish to the Recorder the titles of articles to be presented to the Clubs at their next meeting and to see that brief abstracts of these communications are sent to the Recorder's Office.

OFFICERS OF THE UNIVERSITY CLUBS.

THE GRADUATE CLUB.

President—H. K. Whitaker (History).
Vice President—G. F. Hull (Physics).
Secretary—C. L. Scofield (History).
Treasurer—M. L. Miller (Anthropology).

Executive Committee—Messrs. Learned, Chase, Read, Squires, and Whitney; Misses Bartlett, Faulkner, Gould, Stone, and Tanner.

THE PHILOLOGICAL SOCIETY.

President—Assistant Professor F. A. Blackburn.
Vice President—Assistant Professor H. Schmidt-Wartenberg.
Secretary and Treasurer—Assistant Professor F. J. Miller.
Programme Committee—The President, Vice President, and the Secretary, with F. A. Wood and Theo. L. Neff, of the Graduate School.
The Society meets in *Room B 8, Cobb Lecture Hall*, on the third Friday of each Term, 8:00 P.M.

THE DEPARTMENTAL CLUBS.

THE BIOLOGICAL CLUB.

President—Head Professor C. O. Whitman.
Vice President—Professor H. H. Donaldson.
Secretary and Treasurer—H. S. Brode.

Meets fortnightly, Wednesdays at 4:00 P.M., in *Kent Chemical Laboratory.*

THE CHEMICAL CLUB.

President—Professor J. U. Nef.
Meets every Friday at 8:00 P.M., in *Lecture Room Kent Chemical Laboratory.*

THE CHURCH HISTORY CLUB.

President—C. D. Case.
Vice President—W. H. Howard.
Secretary—J. H. Randall.
Meets fortnightly on Tuesday at 7:30 P.M., in the *Faculty Room.*

THE CLASSICAL CLUB.

President—Head Professor W. G. Hale.
Vice President—Professor Paul Shorey.
Secretary—Dr. G. B. Hussey.
Executive Committee—The President, Vice President, and the Secretary, with C. K. Chase and H. L. Lovell, of the Graduate School.
Meets monthly.

THE COMPARATIVE RELIGION CLUB.

President—F. J. Coffin.
Secretary—F. C. Sherman.
Meets monthly throughout the year.

THE ENGLISH CLUB.

President—Associate Professor W. D. McClintock.
Secretary—Dr. Myra Reynolds.
Treasurer—Maude Radford.
The meetings are to be held hereafter upon Tuesday evening of the third, seventh, and eleventh weeks of each quarter, in *Cobb Lecture Hall, Room B 10*, at 8:00 P.M.

THE EXEGETICAL CLUB.

President—J. H. Grant.
Secretary and Treasurer—A. R. E. Wyant.

Programme Committee — Professors Price, Burton, and Goodspeed.

Meets fortnightly on Tuesday evening, in D 16.

FORUM LITERARY SOCIETY.

President—J. W. Thach.
Vice President—S. C. Mosser.
Secretary—F. H. Wescott.
Treasurer—W. L. Goble.

Meets Saturday evenings at 7:00 P.M., in B 12.

THE FRENCH LITERATURE CLUB.

President—Assistant Professor E. Bergeron.
Secretary—S. H. Ballou.

Meets fortnightly on Fridays at 4:00 P.M., in B 16.

THE GEOLOGICAL CLUB.

President—Thomas C. Hopkins.
Vice President—Lizzie K. Ford.
Secretary—D. E. Willard.

Meets fortnightly, Tuesdays at 4:00 P.M., in *Walker Museum.*

THE GERMANIC CLUB.

President—Associate Professor S. W. Cutting.
Secretary—Paul Oskar Kern.

Meets fortnightly on Mondays at 3:00 P.M., in B 11.

THE MATHEMATICAL CLUB AND SEMINAR.

Conducted by the Instructors of the Mathematical Faculty. Meets fortnightly, Saturdays at 4:30 P.M., in *Ryerson Physical Laboratory, 35.*

THE NEW TESTAMENT JOURNAL AND ESSAY CLUB.

President—C. W. Votaw.
Vice President—Associate Professor Shailer Mathews.
Secretary—Edgar J. Goodspeed.

Meets fortnightly on Tuesdays at 8:00 P.M.

THE POLITICAL ECONOMY CLUB.

Honorary President—Head Professor J. L. Laughlin.
President—William Hill.
Secretary and Treasurer—George Tunell.
Executive Committee—The President, Secretary, Sarah M. Hardy, John W. Million, and Robert F. Hoxie.

Meets Thursdays at 7:30 P.M., in the *Faculty Room.*

THE CLUB OF POLITICAL SCIENCE AND HISTORY.

President—Harry Pratt Judson.
Vice President—G. H. Alden.
Secretary and Treasurer—Lulu C. Daniels.
Executive Committee — The President and Secretary together with J. W. Fertig, Ethel A. Glover and W. S. Davis.

Meets fortnightly on Wednesdays at 8:00 P.M., in the *Faculty Room.*

THE ROMANCE CLUB.

President—Mr. George C. Howland.
Secretary—Susan R. Cutler.

THE SCANDINAVIAN CLUB.

President—Dr. Olaus Dahl.
Vice President—John A. Munson.
Secretary—V. O. Johnson.

THE SEMITIC CLUB.

President—Professor Emil G. Hirsch.
Vice President—Associate Professor Ira M. Price.
Secretary—Dean A. Walker.

Meets fortnightly on Thursdays at 7:30 P.M.

THE PHILOSOPHICAL CLUB.

President—Head Professor John Dewey.
Vice President—Associate Professor J. H. Tufts.
Secretary—H. L. Schoolcraft.

Meets fortnightly on Wednesdays at 7:45 P.M., in C 13.

THE SOCIOLOGY CLUB.

President—J. D. Forrest.
Vice President—J. H. Raymond.
Secretary and Treasurer—F. H. Matzinger.
Journal Committee—Head Professor A. W. Small, C. H. Hastings.

Meets fortnightly on Tuesdays at 7:30 P.M., in the *Faculty Room.*

THE UNIVERSITY EXTENSION CLUB.

Executive Committee: H. B. Grose, J. H. Raymond, E. W. Bemis. Nathaniel Butler, C. E. Crandall.
Secretary—F. W. Shepardson.

Meets monthly, on Saturday, at 7:30 P.M., from October to July.

THE ORATORICAL ASSOCIATION.

President—William O. Wilson.
Vice President—Victor O. Johnson.

Secretary—Moses D. McIntyre.
Treasurer—Phineas J. Yousephoff.
Critic—Robert L. Hughes.

Meets fortnightly on Mondays at 7:30 P.M., in *Lecture Room, Cobb Lecture Hall.*

THE LITERARY SOCIETY OF THE DANO-NORWEGIAN THEOLOGICAL SEMINARY.

(*Morgan Park, Ill.*)

President—S. Kristoffersen.
Vice President—H. P. Andersen.
Secretary—O. Skotheim.
Vice Secretary—H. J. Jacobsen.
Programme Committee—H. P. Andersen, A Andersen, and F. Holm.

Meets every Thursday at 8:00 P.M., in *Chapel, Morgan Park Academy.*

THE SWEDISH LITERARY SOCIETY.

(*Morgan Park, Ill.*)

President—Bennet Erickson.
Vice President—S. G. Carlson.
Secretaries—E. W. Olson and C. E. Nylen.
Programme Committee—C. G. Scott, C. O Dahlen, J. A. Carlson, R. A. Clint, and A. Lagerquist.

Meets Tuesdays at 7:30 P.M.

THE CHRISTIAN UNION AND OTHER RELIGIOUS ORGANIZATIONS.

OFFICERS OF THE CHRISTIAN UNION.

President—Associate Professor C. R. Henderson.
Vice President—A. A. Ewing.
Secretary and Treasurer—F. W. Woods.

The Executive Committee consists of C. R. Henderson, Chairman; Head Professor J. Laurence Laughlin, Miss Laura A. Jones, W. E. Chalmers, F. W. Woods, Miss Mary D. Maynard, together with the Presidents of the Young Men's Christian Association, the Young Women's Christian Association, the Missionary Society, the Volunteer Band, and the Disciples' Club.

The Executive Committee holds regular meetings each month.

SUB-COMMITTEES.

Public Worship—A. A. Ewing.
Bible Study—W. E. Chalmers.
Social Life—Mary D. Maynard.
Philanthropic Work—J. Laurence Laughlin, Chairman; M. L. Marot, Secretary and Treasurer; Mary E. McDowell, Head Resident of the University Settlement.

OFFICERS OF THE RELATED SOCIETIES.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION.

President—W. A. Payne.

Meets every Friday, at 6:45 P. M., in *Lecture Room, Cobb Lecture Hall.*

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

President—Mary D. Maynard.

Meets every Thursday at 1:30 P.M., in *Lecture Room, Cobb Lecture Hall.*

Union Meetings of the two Associations are held on Sundays, at 6:45 P. M.

THE MISSIONARY SOCIETY

Of the Divinity School of The University of Chicago.

President—H. A. Fisk.
Vice President—J. A. Herrick.
Treasurer—J. Y. Aitchison.
Secretary—W. A. Wilkin.

Meets fortnightly on Thursday evening, in *Chapel Cobb Lecture Hall.*

THE DISCIPLES' CLUB

Of The University of Chicago.

President—J. D. Forrest.
Secretary—C. J. Atwater.

Meets on alternate Thursday evenings. Organized October 1, 1894.

THE VOLUNTEER BAND

Of The University of Chicago.

Chairman—W. A. Wilkin.
Secretary—Cora A. Allen.

Meets Fridays at 5:00 P.M. in D 7.

MUSIC.

WARDNER WILLIAMS, *Assistant in Music.*

Theatre, Kent Chemical Laboratory.

VOICE CULTURE. One hour a week. Tuesday at 5:00 P.M.

THE UNIVERSITY CHORUS. One hour and a quarter a week. Tuesday, at 7:15 P.M.

THE UNIVERSITY CHOIR. Five half hours a week. Monday–Friday, at 8:00 A.M.

THE UNIVERSITY ORCHESTRA. One hour and a half a week. Wednesday, at 7:30 P.M.

HARMONY. Two hours a week. Monday and Thursday, at 8:30 A.M.

THEORY OF MUSIC. Two hours a week. Tuesday and Friday, at 8:30 A.M.

THE HISTORY OF MUSIC. One hour a week. Wednesday, 8:30 A.M.

MUSICAL LECTURES AND RECITALS. Wednesdays, at 5:00 P.M.

THE EMPLOYMENT BUREAU.

Those who expect to apply for evening school positions must be present in Chicago, September 16, to take the examination. No other than a Chicago certificate will answer for these positions.

The next regular examination for high school teachers' certificates will occur December 24. If a special examination should be announced for September, due announcement will be made by the Steward.

Students who registered last quarter and received no work are continued on the enrollment of the Bureau. Others must re-register.

THE STUDENTS' FUND SOCIETY.

This Society makes loans upon the joint recommendation of its own Committee and a Committee of the Faculty. Students are not eligible for loans until they have been members of the University one Quarter, and have shown marked success in scholarship. Applications are considered by the Committee of the Faculty at the end of each Quarter, but in order that the necessary preliminary information may be secured all applications for loans to be granted in any Quarter must be handed in to *Head Professor J. L. Laughlin*, Chairman, by the first of December, March, June, and September for the respective Quarter following. Application blanks may be secured at the office of the Registrar.

The Officers of the Society are:

President—A. A. Sprague.
Vice President—Norman Williams.
Secretary—Charles H. Hamill.
Treasurer—Byron L. Smith.

The Officers of the Executive Committee are:

President—Mrs. H. M. Wilmarth.
Vice President—Mrs. George E. Adams.
Secretary—Mrs. Noble B. Judah.

The Board of Directors consists of seven gentlemen and twelve ladies.

The Committee of the Faculty is composed of:

Head Professor J. Laurence Laughlin, Chairman; Dean Judson, Dean Talbot, Associate Professor Stratton, and Assistant Professor F. J. Miller.

The University Extension Division.

NATHANIEL BUTLER, *Director.*

THE LECTURE-STUDY DEPARTMENT.

FRANCIS W. SHEPARDSON, *Secretary.*

COURSES OFFERED DURING THE AUTUMN QUARTER.

I. PHILOSOPHY.

HEAD PROFESSOR DEWEY.

Pedagogical Studies.

ASSOCIATE PROFESSOR TUFTS.

Movements of Thought in the Nineteenth Century.

III. POLITICAL SCIENCE.

DR. OGDEN.

Early English Institutions.

Genesis of Some American Institutions.

Virginia Statesmen of the Revolution.

MR. NEWTON MILLER.

Studies in American Constitutional Development.

IV. HISTORY.

PROFESSOR TERRY.

An Introduction to the Study of History.

The Ethnic Foundation of Modern Civilization.

Political Foundation of Modern Civilization.

Baron and King—the Evolution of a Typical European Monarchy.

ASSISTANT PROFESSOR GROSE.

The Political Development of the European Nations since 1792.

The Founding of the German Empire of Today.

Studies in the History of Europe from the French Revolution to the Present Time.

Character Studies in Nineteenth Century History.

ASSISTANT PROFESSOR FELLOWS.

The Reformation Epoch.

General View of the French Revolution.

France in the Nineteenth Century.

DR. SHEPARDSON.

American Leaders and Great Historic Movements.

Social Life in the American Colonies.

DR. THOMPSON.

Feudalism and the French Monarchy.

Empire and Papacy in the Middle Ages.

The Making of England.

MR. PAGE.

The Old Northwest and its Heroes.

VI. SOCIOLOGY AND ANTHROPOLOGY.

HEAD PROFESSOR SMALL.

First Steps in Sociology.

ASSOCIATE PROFESSOR HENDERSON.

Charities and Corrections.

The Family—a Sociological Study.

Studies of the German Innere Mission.

ASSOCIATE PROFESSOR STARR.

Native Races of North America.

Early Man in Europe.

Mexico and Mexicans, Past, Present, and Future.

ASSISTANT PROFESSOR ZEUBLIN.

The Elements of Sociology.

Social Reform in Fiction.

PROFESSOR GOULD.

Six Live Social Problems of Cities.

Twenty Years of Social-Economic Legislation in Europe.

Industrial Labor in Europe and America.

MR. HOWERTH.

Sociology.

Some Social Experiments.

Social Evils and Proposed Remedies.

Six Great Theories and Their Social Significance.

Miss Clark.

Some Aspects of the Child Problem.

The Principles of School Sanitation and their Social Significance.

Mr. Merton Miller.

Studies in Culture-History.

VII. COMPARATIVE RELIGION.

Dr. Buckley.

Shinto, the Ethnic Faith of Japan.

The Science of Religion.

VIII. THE SEMITIC LANGUAGES AND LITERATURES.

Dr. Breasted.

History and Civilization of Egypt: An Account of the Earliest Historical Period of Human Culture.

XIII. ROMANCE LANGUAGES AND LITERATURES.

Assistant Professor Bergeron.

French Literature.

Littérature Française.

Assistant Professor Howland.

The Italian Poets.

Six Italian Prose Writers.

Italian Dramatists.

Dr. de Poyen-Bellisle.

L'Evolution du Théatre en France.

XV. THE ENGLISH LANGUAGE AND LITERATURE.

Professor Moulton.

Studies in Biblical Literature.

The Tragedies of Shakespeare.

Ancient Tragedy for English Audiences.

Stories as a Mode of Thinking.

Spenser's Legend of Temperance.

Literary Criticism and Theory of Interpretation.

Shakespeare's "Tempest," with Companion Studies.

Associate Professor Butler.

Preliminary Course in English Literature.

Some Studies in American Literature.

Associate Professor McClintock.

Introduction to the Study of Literature.

English Romantic Poets from 1780 to 1830.

Studies in Fiction.

Assistant Professor Tolman.

Studies in English Poetry.

Assistant Professor Crow.

Literature of the Age of Elizabeth.

George Meredith.

Mr. Clark.

Poetry as a Fine Art.

Dr. von Klenze.

The Development of the Nature-Sense, especially in English Literature.

Dr. Rubinkam.

Religious Ideas in Tennyson and Browning.

Miss Chapin.

General Survey of American Literature.

Masterpieces of English Poetry.

Mr. Jones.

Prophets of Modern Literature.

Masterpieces of George Eliot.

Social Studies in Henrik Ibsen.

Mr. Fiske.

Five Plays of Shakespeare.

Mrs. Moore.

General Course in Literature.

The Tragedies of Shakespeare.

The Novels of George Eliot.

The Nature and Development of the Modern Novel.

XVI. BIBLICAL LITERATURE IN ENGLISH.

Professor Moulton.

Studies in Biblical Literature.

Professor Hirsch.

Religion in the Talmud.

The Jewish Sects.

Biblical Literature.

History of Judaism.

Associate Professor Mathews.

The History of New Testament Times in Palestine.

Associate Professor Price.

What the Monuments tell us relative to the Old Testament.

The Forgotten Empire and the Old Testament.

Dr. Rubinkam.
Studies in Old Testament Literature.
Six Studies in the Hebrew Psalter.

Mr. Votaw.
Some Aspects of the Life of Christ.
The Teaching of Jesus.
Jewish Literature of the New Testament Times.
Christian Literature of the Second Century.

Mr. Willett.
Early Old Testament History.
Prophets and Prophecy.
Studies in the Life of Christ.
Studies in the Life and Work of Paul.
The Beginnings of Christianity.

XIX. PHYSICS.

Associate Professor Stratton.
Sound.
Assistant Professor Cornish.
Hydrostatics and Pneumatics.

XX. CHEMISTRY.

Mr. Allen.
The Chemistry of Foods.

XXII. ZOÖLOGY.

Mr. Cole.
Animal Studies.
Dr. Sudduth.
Embryology and Morphology.

XXV. NEUROLOGY.

Professor Donaldson.
The Growth of the Brain.

XXVII. BOTANY.

Mr. Cole.
Plain Talks on the Bacteria.

MUSIC.

Dr. Williams.
Music.

ART.

Mr. French.
Painting and Sculpture.
Mr. Taft.
Ancient Sculpture.
Contemporary French Art.
Contemporaneous Art.
Mr. Schreiber.
History of Art.
Child Study.

SCANDINAVIAN LITERATURE.

Dr. Dahl.
Social Studies in Björnson and Ibsen.
Norwegian Literature.
Swedish and Danish Literature.

JAPANESE HISTORY.

Mr. Wyckoff.
Studies in the History of Japan.

CALENDAR FOR 1895-96.

July 1.	Monday	First Term of Summer Quarter begins.
		Matriculation and Registration of incoming students.
		Summer Meeting of the *University Convocation.*
July 4.	Thursday	Independence Day; a holiday
July 7.	Sunday	The Convocation Sermon.
Aug. 10.	Saturday	First Term of Summer Quarter ends.
Aug. 11.	Sunday	Second Term of Summer Quarter begins.
Sept. 2.	Monday	Last Day for handing in *registration cards* for Autumn Quarter.
Sept. 18-20.	Wednesday Thursday Friday	Quarterly Examinations, and Autumn Examinations for *admission to the Academic Colleges.*
Sept. 21.	Saturday	Second Term of Summer Quarter ends.
		Last Day for handing in *Theses for the Doctorate* and *the Degree of Bachelor of Divinity* or *Theology,* to be conferred at the *January Convocation.*
Sept. 22-30.		Quarterly Recess.
Oct. 1.	Tuesday	First Term of Autumn Quarter begins.
		Matriculation and Registration of incoming students.
		Autumn Meeting of the *University Convocation.*
Oct 6.	Sunday.	The Convocation Sermon.
Nov. 9.	Saturday	First Term of Autumn Quarter ends.
Nov. 10.	Sunday	Second Term of Autumn Quarter begins.
Nov. 28.	Thursday	Thanksgiving Day; a holiday.
Dec. 2.	Monday	Last Day for handing in *registration cards* for Winter Quarter.
Dec. 17-20.	Tuesday Wednesday Thursday Friday	Quarterly Examinations, and Winter Examinations for *admission to the Academic Colleges.*
Dec. 21.	Saturday	Second Term of Autumn Quarter ends.
		Last Day for handing in *Theses for the Doctorate* and *the Degree of Bachelor of Divinity* or *Theology* to be conferred at the *April Convocation.*
Dec. 23-31.		Quarterly Recess.
Jan. 1.	Wednesday	New Year's Day; a holiday.
		First Term of Winter Quarter begins.
Jan. 2.	Thursday	Matriculation and Registration of incoming students.
		Winter Meeting of the *University Convocation.*
Jan. 30.	Thursday	Day of Prayer for Colleges.
Feb. 11.	Tuesday	First Term of Winter Quarter ends.
Feb. 12.	Wednesday	Lincoln's Birthday; a holiday.
		Second Term of Winter Quarter begins.
Feb. 22.	Saturday	Washington's Birthday; a holiday.
Mar. 6.	Friday	Last Day for handing in *registration cards* for Spring Quarter.
Mar. 17-20.	Tuesday Wednesday Thursday Friday	Quarterly Examinations, and Spring Examinations for *admission to the Academic Colleges.*
Mar. 21.	Saturday	Last Day for handing in *Theses for the Doctorate* and *the Degree of Bachelor of Divinity* or *Theology* to be conferred at the *July Convocation.*
Mar. 22.	Sunday	Second Term of Winter Quarter ends.
Mar. 23-31.		Quarterly Recess.
April 1.	Wednesday	First Term of Spring Quarter begins.
		Matriculation and Registration of incoming students.
		Spring Meeting of the *University Convocation.*
		Last Day for receiving applications for fellowships.
May 1.	Friday	Annual Assignment of *Fellowships.*
May 11.	Monday	First Term of Spring Quarter ends.
May 12.	Tuesday	Second Term of Spring Quarter begins.
May 28.	Thursday	Memorial Day; a holiday.
June 6.	Saturday	Last Day for handing in *Registration Cards* for Summer Quarter.
June 16-19.	Tuesday Wednesday Thursday Friday	Quarterly Examinations, and Summer Examinations for *admission to the Academic Colleges.*
June 20.	Saturday	Second Term of Spring Quarter ends.
		Last Day for handing in *Theses for the Doctorate* and the *Degree of Bachelor of Divinity* or *Theology* to be conferred at the *October Convocation.*
June 21-30		Quarterly Recess.

ORDER OF EXAMINATIONS FOR ADMISSION.

FOR THE AUTUMN QUARTER, 1895.

WEDNESDAY, SEPTEMBER 18, 1895.

Latin 3)	9:00—10:00	German 1)	2:00—3:00
Latin 1)	10:00—11:00	German 2)	3.00—4:00
History of the United States	11:00—11:30	Greek 4)	3:00—4:00
History of Greece	11:30—12:15	Algebra	4:00—5:00
Latin 2)	12:15—12:45		

THURSDAY, SEPTEMBER 19, 1895.

German 3)	9:00—10:00	English	2:00—3:30
Greek 3)	9:00—10:00	Solid Geometry	3:30—4:15
French 2)	9:00—10:15	History of Rome	4:15—5:00
French 1)	10:15—11:00		
Greek 1)	11:00—12:15		

FRIDAY, SEPTEMBER 20, 1895.

Plane Geometry	9:00—10:00	Latin 4)	1:30—2:45
Physics	10:00—11:30	Geology, Astronomy, Physiography	1:30—2:30
History 2a)	11:30—12:30	Biology	2:30—3:30
		Latin 5)	2:45—3:30
		Greek 2)	3:30—4:00
		Chemistry	3:30—5:00

SPECIAL NOTICE: The examinations for admission for the Winter Quarter, 1896, will cover four days December 17, 18, 19, and 20.

The University is situated on the Midway Plaisance, between Ellis and Lexington Avenues, and can be reached by the Cottage Grove Avenue cable cars (from Wabash Avenue), by the Illinois Central Railroad, to South Park station, or by the Sixty-first Street electric cars from Englewood station.

There is a Baggage Express office and a Western Union telegraph office at the University.

The telephone number of the University is Oakland-300.

It will be sufficient to address any correspondence relating to the work of the University to

THE UNIVERSITY OF CHICAGO,
Chicago, Illinois.

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NOVEMBER, 1895.

QUARTERLY ANNOUNCEMENTS

OF

The University of Chicago

FOUNDED BY JOHN D. ROCKEFELLER.

[REPRINTED FROM THE QUARTERLY CALENDAR.]

The University in General.

THE AUTUMN CONVOCATION.

Oct. 1, *Tuesday.*

First Term of Autumn Quarter begins.

8:30 A.M. to 12:30 P.M., and 2:00 to 4:30 P.M., Matriculation and Registration of Incoming Students.

12:30 P.M., Chapel Service.

4:00 P.M., The Autumn Convocation.
The University Quadrangle.

8:00–11:00 P.M., The President's Reception.
59th St. and Lexington Av.

Oct. 2, *Wednesday.*

8:30 A.M., The Lectures and Recitations of the Autumn Quarter begin.

Oct. 6, *Sunday.*

3:30 P.M., Vesper Service.
Theatre, Kent Chemical Laboratory.

PRIZES.

THE HIRSCH SEMITIC PRIZE.

The *Hirsch Semitic Prize* of $150.00 is awarded each year for the best paper prepared by a student at the University upon a Semitic subject. The next papers are to be submitted on January 1, 1896. The subjects on which competitors may write are the following:

1) The Language of the Assyrian Historical Inscriptions to be treated by Periods.
2) The Syntax of the Imperfect in the Semitic Languages.
3) The Editing of an Arabic or Syriac Manuscript, or of an Assyrian or Babylonian Text.
4) The Hebrew Sabbath.

THE BASTIN PRIZE.

The *Ellen B. Bastin Prize* of not less than $50.00, offered by the Philosophy and Science department of the Chicago Women's Club, is to be given to the woman studying at the University of Chicago who presents the best paper embodying the results of her own original research in any of the Natural Sciences. Papers presented in competition are to be handed to the Dean of Women, not later than June 1st.

Committee of Awards for 1895: Professors Donaldson, Michelson, Loeb, and Marion Talbot.

WALKER PRIZES IN NATURAL HISTORY.

By the provisions of the will of the late Dr. William Johnson Walker, two prizes are annually offered by the *Boston Society of Natural History* for the best memoirs written in the English language on subjects proposed by a committee, appointed by the Council.

For the next best memoir, a prize not exceeding fifty dollars may be awarded.

Prizes will not be awarded unless the memoirs presented are of adequate merit.

The competition for these prizes is not restricted, but open to all.

Each memoir must be accompanied by a sealed envelope enclosing the author's name and superscribed with a motto corresponding to one borne by the manuscript, and must be in the hands of the Secretary on or before April 1, of the year for which the prize is offered.

Subjects for 1895:

(1) A study of the "Fall line" in New Jersey.
(2) A study of the Devonian formation of the Ohio basin.
(3) Relations of the order Plantaginaceæ.
(4) Experimental investigations in morphology or embryology

Subjects for 1896:

(1) A study of the area of schistose or foliated rocks in the eastern United States.
(2) A study of the development of river valleys in some considerable area of folded or faulted Appalachian structure in Pennsylvania, Virginia, or Tennessee.
(3) An experimental study of the effects of close fertilization in the case of some plant of short cycle.
(4) Contributions to our knowledge of the general morphology or the general physiology of any animal except man.

NOTE.—In all cases the memoirs are to be based on a considerable body of original work, as well as on a general view of the literature of the subject.

SAMUEL HENSHAW, *Secretary.*

Boston Society of Natural History,
BOSTON, MASS., U. S. A.

THESES AND EXAMINATIONS.

DOCTORS' THESES AND EXAMINATIONS FOR ADVANCED COURSES.

Students who are candidates for the higher degrees at the January Convocation, 1896, will note the following announcements:

1. Students who are candidates for the Doctor's Degree must submit their thesis, the subject of which has already been approved, in written form to the Head or Acting Head of the Department, on or before Saturday, September 21.
2. Students who are candidates for the Master's Degree will submit their thesis in written form on or before Saturday, November 30.
3. Students who are candidates for the degree of Bachelor of Divinity or Bachelor of Theology must submit their thesis on or before Saturday, September 21.
4. In all cases the applicants will present in writing to the proper dean a statement indicating the date at which they will be prepared to take the final examination.

HOLIDAYS AND OTHER SPECIAL DAYS.

The First Term of the Summer Quarter, 1895, ends on Sunday, August 11.

The Summer Quarter ends on Saturday, September 21, with a recess from September 22 to 30.

The Autumn Quarter begins on Tuesday, October 1, 1895.

The First Term of the Autumn Quarter ends on Monday, November 11.

Thursday, November 28, *Thanksgiving Day*; a holiday.

REGISTRATION AND SPECIAL EXAMINATIONS.

Saturday, September 7, is the last day for students in residence to hand in their registration cards for the Autumn Quarter.

Students entering the University for the first time or resuming work after an absence of a term or a longer period must register on or before Tuesday, October 1, 1895.

On registration the student's card will in every case be countersigned by the Registrar. A registration fee of $5.00 will be paid at that time. **This fee will be remitted if registration is effected on or before the assigned dates.**

Examinations at other than the regular dates may be given only at the University, and only by special permission of the Examiner and upon the payment of a fee of not less than $10.00 nor more than $15.00.

QUARTERLY EXAMINATIONS.

The Quarterly examinations for the current Spring Quarter will be held September 18–20. One half day will be devoted to each exercise, in the order of the daily programme, as seen in the following scheme:

EXERCISE.	EXAMINATION.
8:30 A.M.	Wednesday, September 18, A.M.
9:30 A.M.	Wednesday, September 18, P.M.
10:30 A.M.	Thursday, September 19, A.M.
11:30 A.M.	Thursday, September 19, P.M.
2:00 P.M.	Friday, September 20, A.M.
3:00 P.M.	Friday, September 20, P.M.

Exercises occurring at 7:30 A.M. and at or after 4:00 P.M. will have their examinations on Saturday, September 21.

The hours of the morning examinations will be from 9 to 12, of the afternoon examinations from 2 to 5.

During the examinations, the usual lectures and recitations will be suspended.

CIRCULARS OF INFORMATION.

The Circulars of Information which are reprints of certain portions of the UNIVERSITY REGISTER will be sent upon application.

The Circular of Information concerning THE DEPARTMENTS OF ARTS, LITERATURE, AND SCIENCE contains in Part I. a statement of the dates upon which various University events occur, a list of departments of instruction, the terms of admission to the *Graduate Schools*, conditions of candidacy for the degrees of master of arts, master of science master of philosophy and doctor of philosophy; statements concerning University fellowships, special fellowships, graduate scholarships, and docentships, the method of application for the same; statements concerning theses and examinations, departmental journals and other departmental publications, regulations governing the selection of courses, non-resident work, rooms and fees. Part II. of the circular describes the organization of the various *Colleges*, contains the regulations governing the admission of students to advanced standing, the admission of unclassified students, the selection of courses, average annual expenses, the students' fund society, the employment bureau, scholarships, the conditions of candidacy for the degrees of bachelor of arts, bachelor of philosophy, and bachelor of science; the requirements for admission to the Academic Colleges, the regulations governing the examinations for admission, and the courses of study in the Academic Colleges; the work of the Academic Colleges in general and in detail, together with the order of examinations for admission.

The Circular of Information concerning THE DIVINITY SCHOOL contains an historical statement, a list of the officers of government and instruction, the courses for the current year in the Graduate Divinity School, the Dano-Norwegian Theological Seminary, and Swedish Theological Seminary; articles upon the purpose and constituency of the Divinity School, the terms of admission, departments of instruction, regulations governing the selection of courses, conditions of candidacy for degrees or certificates, theses and examinations, the library, fellowships, opportunities for religious work, special regulations, expenses and opportunities for self-help.

The Circular of Information concerning THE UNIVERSITY EXTENSION DIVISION is issued in three separate parts. Part I. relates to the work of the *Lecture-study Department*. It contains (1) information relating to the general plan of University Extension lecture-studies and to the credit extended for the work done, directions in reference to organization,

information as to expenses of the courses of lectures, and other information helpful to local Committees in organizing and promoting the work of University Extension in their towns; (2) a list of the lecturers, with a full statement of the subjects of their courses and also of the separate lectures included in each course.

Part II. relates to the work of the *Correspondence teaching Department.* It contains (1) general information relating to the purpose and method of instruction offered by Correspondence, the relation of Correspondence students to the University, the credit which they receive for the work, and other information for the guidance of those who desire to receive University instruction by Correspondence; (2) courses of instruction offered in this Department.

Part III. relates to the work of the *Class-work Department.* It contains (1) general information as to the aim, method, and organization of the work, the relation of Class-work students to the University, the regulation for examinations, the credit for the work done, and the regulations governing the selection of courses; (2) a full statement of the classes organized and the work offered in the Class-work Department of the University Extension Division.

The University Academy at Morgan Park also issues a Calendar, which will be sent upon application, giving a list of the officers of government and instruction, and containing information in regard to the requirements for admission, the courses of study, average expenses, scholarships, self-help, the dormitories, special regulations, together with a description of the buildings and grounds and a list of the students in attendance during the current year.

The University (Proper).

ANNOUNCEMENT OF COURSES OFFERED BY THE FACULTY OF ARTS, LITERATURE, AND SCIENCE.

JULY 1, 1895, TO JULY 1, 1896.

NOTE.—The following is a list of the titles of courses to be given in the University from July 1, 1895, to July 1, 1896. For a complete description of the courses consult the ANNUAL REGISTER and the DEPARTMENTAL PROGRAMMES.

SPECIAL NOTICE—**Hour and place of the exercises** are printed in **bold-face type** after the title of the course. The number at the head of each course indicates its number in Register and Programme.

ABBREVIATIONS.—A, B, C, D refer to the floors in Cobb Lecture Hall, beginning with the ground floor as A. The rooms are numbered. K=Kent Chemical Laboratory, R=Ryerson Physical Laboratory, W=Walker Museum.

The abbreviations used in the description of the courses are: M—Minor, DM—Double Minor, MM—Major, DMM—Double Major.

REGISTRATION.—Students in residence must register for the Autumn Quarter on or before Saturday, September 7; the registration card and course cards may be obtained from the Dean. The student will (1) write upon the registration card his full name, matriculation number, and Chicago address; (2) write upon each course card his full name, together with the number of the department and the number of the course desired; (3) deposit the cards thus filled out with the Dean, and (4) receive from the Dean a class-ticket. No student is registered or entitled to admission to a course until the cards are accepted by the deans.

Students entering the University for the first time or resuming work after an absence of a Quarter or a Term must register on or before Tuesday, October 1.

On registration the student's card will in every case be countersigned by the Registrar. A registration fee of $5 00 will be paid at that time. **This fee will be remitted if registration is effected on or before the assigned dates.**

I. A. AND B.—PHILOSOPHY AND PEDAGOGY.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
1 Introductory Psychology[1] (*Angell*) DM 8:30; R 33 4*b* Movements of Thought in 19th Century (*Tufts*) M First Term 9:30; C 17 5 Kant's Critique of Pure Reason (*Tufts*) M or MM First Term 8:30; C 17 19 Psychology, Laboratory Course (*MacLennan*) M Each Term R 33 20 Advanced Psychology (*Angell*) DM 10:30; R 33	1 Introductory Psychology[1] (*Angell* and *Moore*) DM Section A: 10:30; R 33 Section B: 11:30; R 33 4 History of Philosophy[3] (*Tufts*) DM 9:30; C 17 5 Kant's Critique of Pure Reason (*Tufts*) DM 10:30; C 17 8 Kant Seminar[4] (*Tufts*) DM Tues. 4:00–6:00; C 14 11 Seminar, History of Logic (*Dewey*) DM Wed. 3:00–5:00; C 14 13 Logic of Ethics (*Dewey*) DM 9:30; C 13 21 Experimental Psychology (*Angell* and *Moore*) DM 8:30; R 33 22 Psychology, Research Course (*Angell*) DM R 33	2 Introductory Ethics[2] (*Dewey*) DM 9:30; C 13 4 History of Philosophy[3] (*Tufts*) DM 8:30; C 17 8 Kant Seminar (*Tufts*) DM Tues. 4:00–6:00; C 14 11 Seminar, History of Logic (*Dewey*) DM Wed. 3:00–5:00; C 14 14 Psychological Ethics[5] (*Dewey*) 9:30; C 13 21 Experimental Psychology (*Angell* and *Moore*) DM 8:30; R 33 22 Psychology, Research Course (*Angell*) DM R 33 23 Comparative Psychology (*Mead*) DM 10:30; C 17 24 Methodology of Psychology (*Mead*) DM 11:30; C 17	3 Logic (*Mead*) DM 9:30; C 17 4*a* Thought in 18th and 19th Centuries[3] (*Tufts*) DM 8:30; C 17 8 Kant Seminar (*Tufts*) DM Tues. 4:00–6:00: C 14 10 Matter and Motion (*Mead*) DM 11:30; C 17 11 Seminar, History of Logic (*Dewey*) DM Wed. 3:00–5:00; C 14 15 Political Ethics (*Dewey*) DM 9:30; C 13 22 Psychology, Research Course (*Angell*) DM R 33 25 Morbid Psychology (*Strong*) M First Term 8:30; C 13 26 Psychology and Philosophy (*Strong*) M Second Term 8:30; C 13 27 Seminar in Psychology (*Strong*) DM Sat. 10:30–12:30; C 14
1 History of Education (*Thurber*) DM 10:30; C 13 2 Institutes of Pedagogy (*Thurber*) DM 11:30; C 13	3 General Pedagogy (*Bulkley*) DM 11:30; C 13 7 Seminar in Pedagogy (*Bulkley*) DM C 14	4 Pestalozzi and Herbart (*Bulkley*) DM 8 Seminar in Spencer (*Bulkley*) DM	5 English Pedagogy (*Bulkley*) DM 9 Seminar, Herbart (*Bulkley*) DM

PREREQUISITES AND REMARKS.

[1] Required Philosophy; Prerequisite: 12 Majors College work.
[2] Required Philosophy; Prerequisite: Course 1.
[3] Courses 4 and 4*a* form a continuous course of three Double Minors, but 4*a* may be taken separately.
[4] Prerequisite: An introductory course in Kant, and ability to read German. Those who have taken Course 5 may join 8 in the Winter Quarter.
For advanced students taking Course 2.

II. Political Economy.

SUMMER	AUTUMN	WINTER	SPRING
1 Principles of Political Economy (*Miller*) DM Tues.–Fri. 9:30; C 3 1A Advanced Political Economy[1] (*Miller*) DM Tues.–Fri. 10:30; C 3	1 Principles of Political Economy, repeated DM Sec. *a* (*Hill*) 8:30; C 3 Sec. *b* (*Closson*) 9:30; C 3 5 History of Political Economy (*Closson*) DM 8:30; C 10 7 Socialism (*Veblen*) DM 10:30; C 3 9 Money (*Laughlin*) DM 11:30; C 3 10 Statistics (*Gould*) DM 11:30; C 9 11 Advanced Statistics (*Gould*) DM 2:00; C 9 13 Tariff History (*Hill*) DM 11:30; C 8 15 Finance (*Closson*) DM 2:00; C 3 20 Seminar (*Laughlin*) DM 3:00; C 3	1A Advanced Political Economy, repeated (*Hill*) DM 1B Descriptive Political Economy (*Closson*) DM 3 Scope and Method of Political Economy (*Closson*) DM 7 Socialism, continued (*Veblen*) DM 9 Money, continued (*Laughlin*) DM 12 Railway Transportation (*Hill*) DM 20 Seminar, continued (*Laughlin*) DM	4 Unsettled Problems (*Laughlin*) DM 8A Social Economics (*Closson*) DM 14 Financial History of the United States (*Hill*) DM 16 Agriculture (*Veblen*) DM 17 Banking (*Hill*) DM 18 Oral Debates (*Closson, Hill, Lovett*) DM 20 Seminar, continued (*Laughlin*) DM

Remarks.

[1] Open only to students who elect either 1A or 1B in the Winter Quarter.

III. Political Science.

SUMMER	AUTUMN	WINTER	SPRING
12 American State Government (*Judson*) M First Term 9:30; C 9 13 Municipal Government (*Judson*) M First Term 10:30; C 9 71 Geography of Europe—Physical, Historical and Political[5] (*Conger*) MM First Term 8:30 and 3:00; C 9	1 Civil Government[1] (*Judson*) DM 9:30; C 9 10 Seminar (*Judson*)[2] DM Tues. 4:00–6:00; C 1 21, 22 International Law (*Judson*) DM 10:30; C 9 25 Administrative Law[3] (*Freund*) DM 9:30; C 10 31 General Jurisprudence[3] (*Freund*) DM 11:30; C 10	* 2 Constitutional Law (*Judson*) DM 9:30; C 9 *10 Seminar (*Judson*)[2] DM Tues. 4:00–6:00; C 1 *11 Comparative Politics—National (*Judson*) DM 10:30; C 9 26 Administrative Law[3] (*Freund*) DM 9:30; C 10 32 Historical Jurisprudence[3] (*Freund*) DM 11:30; C 10	1 Civil Government[1] (*Mosley*) DM 9:30; C 9 27 The Judicial Power[4] (*Freund*) DM 9:30; C 10 33 Roman Law[4] (*Freund*) DM 10:30; C 10

* These courses may be given in the Spring Quarter instead of the Winter Quarter. Announcement will be made in the Autumn Calendar.

Remarks.

[1] Course 1 should precede any other course; *Prerequisite*: History 1 and 2; History 53 and 54 are recommended as preliminary.
[2] Course 10 is exclusively for Graduate Students.
[3] Course 26 should be preceded by Course 25, and Course 32 by Course 31.
[4] Courses 27 and 33 should be preceded by two or three of the other courses.
[5] Course 71 is an introduction to European History. It is divided, and either part may be taken as a Minor.

IV. History.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
1 Outline of Mediæval History (*Thatcher*) DM 8:30; C 3 2 Outline of Modern Europe (*Schwill*) DM 10:30; C 8	1 Mediæval History, repeated (*Thompson*) DM 8:30; C 8 2 Outline of Modern Europe, repeated (*Schwill* and *Catterall*) DM Sec. *a* (*Schwill*) 8:30; C 9 Sec. *b* (*Catterall*) 9:30; C 8 Sec. *c* (*Catterall*) 3:00; C 8	1 Mediæval History, repeated (*Thompson*) DM 2 Outline of Modern Europe, repeated (*Catterall*) DM	1 Mediæval History, repeated (*Thompson*) DM 2 Outline of Modern Europe, repeated (*Schwill* and *Catterall*) DM
3 Introduction to Study of Modern History (*Terry*) MM Second Term Tues.–Fri. 7:30 and 9:30; C 7 4 The Protestant Reformation and the Religious Wars (*Catterall*) MM First Term 8:30 and 11:30; C 8	4 The Protestant Reformation, repeated (*Catterall*) DM 10:30; C 8	5 The French Revolution, repeated (*Catterall*) DM	6 History of the United States from 1789–1861 (*Shepardson*) DM
71 (Political Science Department) Geography of Europe (*Conger*) MM First Term 8:30 and 3:00; C 9 5 The French Revolution and the Napoleonic Wars (*Thompson*) MM Second Term 8:30 and 11:30; C 8 7 The History of Antiquity to the Persian Empire (*Goodspeed*) MM Second Term 10:30–12:30; D 16 14*a* History of Egypt (*Breasted*) DM 3:00; D 16 19 Teachers' Course in Greek History (*Wirth*) DM 7:30; C 8	7 The History of Antiquity to the Persian Empire, repeated (*Goodspeed*) DM 2:00; D 16 21 The History of Rome from the Earliest Times to the Antonines (*Wirth*) DM 4:00; C 8 24 The Transition Period (*Terry*) DM 4:00; C 7 31 The Founding of the Modern French Monarchy (*Thompson*) DM 2:00; C 8 32 The Renaissance (*Schwill*) DM 9:30; C 11	12 Introduction to the History of the Hebrew Monarchy (*Goodspeed*) DM Tues. and Fri. 4:00–6:00 D 16 22 The History of Rome, continued (*Wirth*) DM 25 The Transition Period, continued (*Terry*) DM 4:00; C 7 28 England under the Stuarts (*Catterall*) DM 33 The Renaissance, continued (*Schwill*) DM	13 Hebrew and Egyptian History (*Goodspeed*) M First Term Mon. and Tues. 4:00–6:00; D 16 14 Hebrew and Babylonian History (*Goodspeed*) M Second Term Mon. and Tues. 4:00–6:00; D 16 15 History of Greece to Death of Alexander (*Goodspeed*) DM Tues. and Fri. 4:00–6:00; D 16 23 The History of Rome, continued (*Wirth*) DM 26 The Transition Period, continued (*Terry*) DM 4:00; C 7

IV. History—*Continued*

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
50 Europe in the Early XIX. Century (*von Holst*) M First Term 8:30; C 7 53 The History of the U. S. Colonial Period to 1789 (*Shepardson*) M First Term 10:30; C 7 54 The History of the U. S. from 1789 (*Shepardson*) M Second Term 10:30; C 7	39 The Swiss Reformation (*Johnson*) DM 44 The French Revolution (*von Holst*) DM 3:00; C 9 51 The History of the U. S. from the Missouri Compromise (*Shepardson*) DM 10:30; C 13	41 Holland and the Reformation, a Seminar (*Hulbert*) DM 45 The French Revolution continued (*von Holst*) DM 52 The U. S. from the Missouri Compromise, continued (*Shepardson*) DM	40 The Reformation in France (*Moncrief*) DM 43 The Rise of Prussia repeated (*Schwill*) DM 46 The French Revolution, continued (*von Holst*) DM
62 Seminar in American History (*von Holst*) M First Term Mon. 8:30–10:30; C 7	59 Seminar in English History (*Terry*) DM Mon. 10:30–12:30; C 7 63 Seminar in American History (*von Holst*) DM Mon. 4:00–6:00; C 7	60 Seminar in English History, continued (*Terry*) DM Mon. 10:30–12:30; C 7 64 Seminar in American History (*von Holst*) DM	61 Seminar in English History, continued (*Terry*) DM Mon. 10:30–12:30; C 7 65 Seminar in American History, continued (*von Holst*) DM

Remarks.

[1] Courses 1 and 2 are required of all Academic College Students.

[2] Courses 3–6 are recommended to University College Students as a preparation for the Graduate School Courses in History. Students are advised to take Courses 1–6, if possible, in the order indicated in the Programme and Register.

[3] Courses 59–65 are designed solely for members of the Graduate School.

V. Archæology.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
	1 Introduction to Classical Archæology (*Tarbell*) DM 10:30; B 2	2 History of Greek Sculpture[1] (*Tarbell*) DM	4 Greek Vases and Coins (*Tarbell*) DM

[1] Prerequisite.—Course 1.

VI. Sociology and Anthropology.

SUMMER

20 Trades Unions (*Bemis*) M First Term 10:30; C 11

21 The State and Reform (*Bemis*) M First Term 11:30; C 11

22 Methodology of Sociology [1] (*Small*) MM First Term 8:30–10:30; C 10

41 Compar. Psychology [5] (*Thomas*) DM 10:30; C 10

42 Somatic and Psychic History of Woman [6] (*Thomas*) DM 11:30; C 10

49 Settlement Movement (*West*) M First Term 2:00; C 10

50 Evolution of Society (*West*) M Second Term 2:00; C 10

52 Field Work in Mexico (*Starr*) DMM

AUTUMN

1 Laboratory in Anthropology (*Starr*) DM W 3d floor

2 Physical Anthropology, Laboratory (*Starr*) DM 2:00; W 3d floor

3 Mexico (*Starr*) DM 10:30; W 3d floor

4 General Anthropology (*Starr*) DM 11:30; W 3d floor

10 Seminar (*Talbot*) DM 3:00–5:00; C 11

11 House Sanitation (*Talbot*) DM 10:30; C 11

14 Seminar (*Henderson*) DM Tues. 4:00–6:00; C 2

15 Organized Christianity (*Henderson*) M First Term 8:30; D 6

18 The Family (*Henderson*) DM 9:30; D 6

19 Voluntary Associations (*Henderson*) M Second Term 8:30; D 6

24 Province of Sociology [2] (*Vincent*) DM 8:30; C 11

28 Dynamics; a Seminar (*Small*) DM Mon. 2:00–4:00; C 2

29A Social Philosophy (*Small*) DM 2:00; C 10

WINTER

1 Laboratory in Anthropology, continued (*Starr*) DM W 3d floor

2 Physical Anthropology, Laboratory, continued (*Starr*) DM 2:00; W 3d floor

7 Ethnology (*Starr*) DM 11:30; W 3d floor

10 Seminar (*Talbot*) DM 3:00–5:00; C 11

12 Sanitary Aspects (*Talbot*) DM 10:30; C 11

14 Seminar (*Henderson*) DM Tues. 4:00–6:00; C 2

16 Dependents and Defectives (*Henderson*) M Second Term 3:00; C 11

25 Social Anatomy [2] (*Vincent*) DM 8:30; C 11

28 Dynamics; a Seminar (*Small*) DM Mon. 2:00–4:00; C 2

29B Social Philosophy, continued (*Small*) DM 2:00; C 10

31 American Rural Life (*Henderson*) M First Term 3:00; C 11

32 Agencies for Welfare (*Henderson*) M First Term 2:00; C 11

33 Modern Cities (*Henderson*) M Second Term 2:00; C 11

SPRING

1 Laboratory in Anthropology, continued (*Starr*) DM W 3d floor

2 Physical Anthropology, Laboratory, continued (*Starr*) DM 2:00; W 3d floor

8 Prehistoric American Archæology (*Starr*) DM 11:30; W 3d floor

10 Seminar (*Talbot*) DM 3:00–5:00; C 11

13 Economy of Living (*Talbot*) DM 9:30; C 11

14 Seminar (*Henderson*) DM Tues. 4:00–6:00; C 2

17 Crime and Criminals (*Henderson*) M First Term 2:00; C 11

22 Methodology [1] (*Small*) DM 2:00; C 10

25 Social Anatomy, continued [2] (*Vincent*) DM 8:30; C 11

26 Introduction to Study of Society [4] (*Vincent*) DM 2:00; C 8

28 Dynamics; a Seminar DM (*Small*) Mon. 2:00–4:00; C 2

29C Social Philosophy continued (*Small*)

34 Biblical and Ecclesiastical Sociology (*Henderson*) M First Term 3:00; C 11

VI. Sociology and Anthropology.—*Continued.*

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
	37 Contemporary Society in United States[4] (*Vincent*) DM	38 Urban Life in United States[4] (*Vincent*) DM 2:00; C 8	35 Historic Forms of Philanthropy (*Henderson*) M Second Term 2:00; C 11
	41 Compar. Psychology (*Thomas*) DM 11:30; C 11	41 Compar. Psychology. continued (*Thomas*) DM 9:30; C 10	39 General Hygiene[4] (*Talbot*) DM 10:30; C 11
	42 Somatic and Psychic History of Woman (*Thomas*) DM 10:30; C 10	42 Somatic and Psychic History of Woman, continued (*Thomas*) DM 10:30; C 10	41 Compar. Psychology, continued (*Thomas*) DM 9:30; C 10
	Statistics (*Gould*) See Pol. Econ. Nos. 10 and 11		43 Primitive Art (*Thomas*) DM 10:30; C 10
			51 Social Structure in Great Britain (*Zeublin*) DM 11:30; C 10

Remarks.

[1] Course 22 is required in case Sociology is offered, either as primary or secondary subject, by candidates for higher degrees.

[2] Course 24 may be taken without Course 25; but Courses 24 and 25 will be required of all candidates for the Degree of Doctor of Philosophy who offer Sociology either as primary or secondary subject.

[3] Course 27 forms Part II. of the system of Social Philosophy introduced by Courses 24 and 25. Course 27 may be taken by students who are suitably prepared, without Courses 24 and 25; or students who wish to make Sociology their principal subject may combine Courses 24, 25, and 27 as Three Double Majors. It is also recommended that Professor Dewey's course, *The Logic of Ethics*, be taken in connection with Course 27.

[4] Open, under certain conditions, to Academic College Students.

[5] Course 41 in Summer Quarter is a synopsis of the 3DM Course No. 41, Autumn, Winter, and Spring Quarters.

[6] Course 42 in Summer Quarter is a synopsis of the 2DM Course No. 42 in Autumn and Winter Quarters.

VII. Comparative Religion.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
1 Religions of China and Japan (*Buckley*) DM 8:30; W 3d floor	2 Religions of India (*Goodspeed*) DM 3:00; D 16	4 Religions of Greece, Rome and Northern Europe (*Goodspeed*) DM	7 Relations of Christianity to the other Religions: Haskell Lectures (*Barrows*)
	3 Northern Buddhism (*Buckley*) 4:00; W 3d floor	5 Science of Religion (*Buckley*) DM	8 Seminar: Science of Religion (*Buckley*) DM
		6 Hindi (*Coffin*) DM	9 Religions of Ancient Persia (*Goodspeed*) DM

VIII. Semitic Languages and Literatures.

HEBREW.

SUMMER	AUTUMN	WINTER	SPRING
2-3 Beginners' Hebrew (*Harper W. R.* and *Breasted*) MM First Term MM Second Term 8:30 and 2:00; D 15	7 Books of Chronicles (*Crandall*) M Second Term 11:30; D 13	8 Deuteronomy — Sight Reading (*Crandall*) ½ M First Term	1 Beginners' Hebrew (*Harper W. R.* and *Crandall*) MM First Term
4 Samuel (*Harper R. F.*) M First Term 10:30; D 13	9c Book of Judges (*Crandall*) DM 8:30; D 15	14 Jeremiah—Sight Reading (*Crandall*) ½M Second Term	5 Books of Kings (*id.*) MM Second Term
5b Kings (*Harper R. F.*) M Second Term 10:30; D 13	25 Book of Job (*Hirsch*) M Second Term 9:30; D 15	15 Jeremiah (*Price*) M First Term	6 Books of Kings (*Kent*) First Term M
8 Hebrew Sight Reading—Deuteronomy (*Crandall*) ½ M Second Term 10:30; D 6	34 History of Antiquity (*Goodspeed*) DM 2:00; D 16	16 Ezekiel (*Price*) M Second Term	11 Isaiah i–xxxix (*Price*) M First Term
8b Hebrew Sight Reading—Samuel (*Crandall*) ½ M Second Term 11:30; D 6	39 Old Testament Prophecy (*Harper W. R.*) DM 10:30; D 15	31 Introduction to the History of the Hebrew Monarchy (*Goodspeed*) DM	13 Isaiah xl–lxvi (*Price*) M Second Term
8c Hebrew Sight Reading—Kings (*Breasted*) ½ M First Term 11:30; D 15	43 History of the Canon and Text of the Old Testament (*Price*) DM 2:00; D 15	5 Development of Old Testament Literature (*Harper W. R.*) DM	35 Contemporary History of the Old Testament—Egypt, Babylonia, Assyria (*Goodspeed*) DM
9b Deuteronomy (*Breasted*) M Second Term 11:30; D 15			44 General Introduction to Textual Criticism of Old Testament (*Hirsch*) DM
22 Minor Prophets, Babylonian Period (*Harper W. R.*) M First Term 7:30; D 15			51 Development of Old Testament Theological Ideas (*Harper W. R.*) DM
22b Minor Prophets, Post-exilic (*Harper W. R.*) M Second Term 7:30; D 15			52 Modern Discoveries and Old Testament (*Price*) DM
34 History of Antiquity (*Goodspeed*) MM Second Term 10:30–12:30; D 16			
94 Advanced Hebrew Grammar—Etymology (*Harper W. R.*) M First Term 9:30; D 15			
95 Advanced Hebrew Grammar—Syntax (*Harper W. R.*) M Second Term 9:30; D 15			

VIII. Semitic Languages and Literatures.—*Continued.*

ARAMAIC, RABBINIC, SYRIAC, SAMARITAN, MANDAIC, AND PHŒNICIAN.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
55 General Introduction to Rabbinic Literature and Life (*Hirsch*) M Second Term 9:30; D 16	60 Talmud (*Hirsch*) Rabbinical Seminar	61 Civil and Criminal Legislation of Talmud (*Hirsch*) M First Term	64 Talmudical Analogies to the New Testament (*Hirsch*) M First Term
63 History of Jewish Sects (*Hirsch*	62 Rabbinical Commentaries on Genesis (*Hirsch*) M First Term 9:30; D 15	65 Rabbinical Philosophy (*Hirsch*) DM	
		66 Biblical Aramaic ...ice) M Second Term	
		...vanced Syriac (*Har-* ... *R. F.*) DM	
		...ndaic (*Hirsch*) M ...cond Term	

O. T. Prophecy - 10.30
or
Malchem 10.30
Sater Suras - 11.30
anthropology 11.30
Hist. of Relig. - 2.
or
Hist. of Conv. O.T. 2.
Tem. French 8.30.
or 9.30
Swiss Ref. 9.30

...IC AND COMPARATIVE WORK.

		WINTER	*SPRING*
71 Assy... (*Ha*...		...ssyrian Syllabaries and ...ythological Inscrip...ions (*Harper R. F.*) DM	76*b* Early Babylonian Inscriptions (*Price*) DM
73 Earl... tion...		...rabic Poetry (*Harper* ...*V. R.*) DM	93 Philosophical Literature of the Arabs (*Hirsch*) DM
87 Ear... (*H*... Ter...		...thiopic (*Harper W.* ...*R.*) M First Term	103 Semitic Seminar 2 (*Harper W. R.*) DM
90 Ar... (*H*...		...emitic Seminar 2 (*Harper W. R.*) DM	105 Comparative Lexical Study of South Semitic Languages (*Price*) Seminar DM
91 Ar... to... (*H*... on...		...Comparative Lexical Study North Semitic Languages (*Price*) Seminar	108 Late Egyptian (*Breasted*) DM
93 Ph... of... S...		...Egyptian Texts of Classic Period (*Breasted*) DM	115 Coptic Reading Boheiric Texts (*Breasted*) M Second Term
101 Advanced Ethiopic (*Hirsch*) M First Term	(*Breasted*) DM	...4 Coptic Reading, Sahidic Texts (*Breasted*) DM	
106 Elementary Egyptian (*Breasted*) DM	113*a* Thier und Mensch (*Breasted*) DM 3:00; D 13		

VIII. Semitic Languages and Literatures.

HEBREW.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
2-3 Beginners' Hebrew (*Harper W. R.* and *Breasted*) MM First Term MM Second Term 8:30 and 2:00; D 15	7 Books of Chronicles (*Crandall*) M Second Term 11::	8 Deuteronomy — Sight Reading (*Crandall*) ½ M First Term	1 Beginners' Hebrew (*Harper W. R.* and
4 Samuel (*Harper R. F.*) M First Term 10:30; D 13	9c Book of Judge *dall*) DM 8::		Term
5b Kings (*Harper R. F.*) M Second Term 10:30; D 13	25 Book of Job (M Second Ter 9::		ngs (*id.*) d Term
8 Hebrew Sight Reading—Deuteronomy (*Crandall*) ½ M Second Term 10:30; D 6	34 History of Anti (*Goodspeed*) DM 2:0		ngs Term M
8b Hebrew Sight Reading—Samuel (*Crandall*) ½ M Second Term 11:30; D 6	39 Old Testament ecy (*Harper W.* 10:3		ix rst Term
8c Hebrew Sight Reading—Kings (*Breasted*) ½ M First Term 11:30; D 15	43 History of the and Text of t Testament (*Pric* 2:0		i Second
9b Deuteronomy (*Breasted*) M Second Term 11:30; D 15			y His- Old Tes- Egypt, Assyria DM
22 Minor Prophets, Babylonian Period (*Harper W. R.*) M First Term 7:30; D 15			troduc- al Crit- Testa-) DM
22b Minor Prophets, Post-exilic (*Harper W. R.*) M Second Term 7:30; D 15			of Old heolog- *Harper*
34 History of Antiquity (*Goodspeed*) MM Second Term 10:30–12:30; D 16			overies tament
94 Advanced Hebrew Grammar—Etymology (*Harper W. R.*) M First Term 9:30; D 15			
95 Advanced Hebrew Grammar—Syntax (*Harper W. R.*) M Second Term 9:30; D 15			

O. T. Proph. 10.30 - Dm.
Auth. 11.30 - Dm.
Hist. of Canon 2. Dm.
Sociology 4-6 Dm.

VIII. Semitic Languages and Literatures.—*Continued.*

ARAMAIC, RABBINIC, SYRIAC, SAMARITAN, MANDAIC, AND PHŒNICIAN.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
55 General Introduction to Rabbinic Literature and Life (*Hirsch*) M Second Term 9:30; D 16 63 History of Jewish Sects (*Hirsch*) M First Term 9:30; D 1	60 Talmud (*Hirsch*) Rabbinical Seminar 62 Rabbinical Commentaries on Genesis (*Hirsch*) M First Term 9:30; D 15 68 Beginners' Syriac (*Harper R. F.*) DM 10:30; D 13	61 Civil and Criminal Legislation of Talmud (*Hirsch*) M First Term 65 Rabbinical Philosophy (*Hirsch*) DM 66 Biblical Aramaic (*Price*) M Second Term 69 Advanced Syriac (*Harper R. F.*) DM 99 Mandaic (*Hirsch*) M Second Term	64 Talmudical Analogies to the New Testament (*Hirsch*) M First Term

ASSYRIAN, ARABIC, ETHIOPIC, EGYPTIAN, COPTIC AND COMPARATIVE WORK.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
71 Assyrian Language (*Harper R. F.*) DM 8:30; D 13 73 Early Historical Inscriptions (*Harper R. F.*) DM 9:30; D 13 87 Earlier Suras of Quran (*Harper W. R.*) M First Term 10:30; D 15 90 Arabic 1001 Nights (*Hirsch*) M First Term 91 Arabic Geography, History and Commentary (*Harper W. R.*) M Second Term 10:30; D 15 93 Philosophical Literature of Arabians (*Hirsch*) M Second Term 101 Advanced Ethiopic (*Hirsch*) M First Term 106 Elementary Egyptian (*Breasted*) DM	76 Babylonian Historical Inscriptions (*Harper R. F.*) DM 9:30; D 13 82 Earliest Unilingual Inscriptions (*Price*) Seminar DM 3:00; D 15 88 Later Suras (*Harper W. R.*) DM 11:30; D 15 103 Semitic Seminar 2 (*Harper W. R.*) 3DM Autumn to Spring Quarter Sat. 7:30; D 15 106 Elementary Egyptian (*Breasted*) DM 2:00; D 13 113 Elementary Coptic (*Breasted*) DM 113*a* Thier und Mensch (*Breasted*) DM 3:00; D 13	79 Assyrian Syllabaries and Mythological Inscriptions (*Harper R. F.*) DM 89 Arabic Poetry (*Harper W. R.*) DM 100 Ethiopic (*Harper W. R.*) M First Term 103 Semitic Seminar 2 (*Harper W. R.*) DM 104 Comparative Lexical Study North Semitic Languages (*Price*) Seminar 107 Egyptian Texts of Classic Period (*Breasted*) DM 114 Coptic Reading, Sahidic Texts (*Breasted*) DM	76*b* Early Babylonian Inscriptions (*Price*) DM 93 Philosophical Literature of the Arabs (*Hirsch*) DM 103 Semitic Seminar 2 (*Harper W. R.*) DM 105 Comparative Lexical Study of South Semitic Languages (*Price*) Seminar DM 108 Late Egyptian (*Breasted*) DM 115 Coptic Reading Boheiric Texts (*Breasted*) M Second Term

IX. Biblical and Patristic Greek.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
2 New Testament Greek (*Votaw*) MM First Term 8:30 and 2:00; D 16	4 Rapid Reading in the New Testament (*Votaw*) DM 10:30; D 16	1 New Testament Greek (*Burton*) DM	43 Origin of the Septuagint[3] (*Arnolt*) DM
7 Greek Palæography (*Gregory*) M Second Term 7:30; D 16	10*a* New Testament Times in Palestine (*Mathews*) DM 10:30; D 11	13 History of the Apostolic Church (*Mathews*) DM	58 History of Criticism of the Gospels (*Arnolt*) DM
9 New Testament Textual Criticism (*Gregory*) M Second Term 8:30; D 16	11 New Testament Times in Græco-Roman World (*Mathews*) DM 8:30; D 11	28 John (*Burton*) DM	60 History of Interpretation (*Mathews*) DM
15*b* Social History of New Testament Times (*Mathews*) M First Term 9:30; D 6	25 Matthew[1] (*Burton*) DM 10:30; D 2	29 Acts (*Mathews*) DM	
34 Philippians (*Burton*) M Second Term 9:30; D 2	40 New Testament Quotations[2] a Seminar (*Burton*) DM 3:00–5:00 Wed. and Fri.; D 11	48 Philo (*Arnolt*) M First Term	
45 Psalms and Ecclesiastes in Greek[3] (*Arnolt*) M First Term 7:30; D 16	53 Sub-apostolic Greek Literature (*Arnolt*) DM 9:30; D 16	54 New Testament Apocrypha (*Arnolt*) M First Term	
	55 Christian Literature to Eusebius (*Arnolt*) DM 8:30; D 16		

Prerequisites.

[1] Course 1 or 2. [2] Courses 1 (or 2); 25 (or 27); and a knowledge of Hebrew. [3] A knowledge of Hebrew.

X. Sanskrit and Indo-European Comparative Philology.

B 3.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
2 Outlines of Comparative Grammar of Greek and Latin[1] (*Stratton*) M First Term 11:30; B 3	1 General Introduction to the Study of Indo-European Comparative Philology[1] (*Buck*) M First Term 10:30; B 3	2 Outlines of Comparative Grammar of Greek and Latin,[1] continued (*Buck*) M First Term	6 Sanskrit, continuation of 4 and 5 (*Stratton*) DM
3 Exercises in Greek and Latin Comparative Grammar[1] (*Stratton*) M Second Term 11:30; B 3	2 Outlines of Comparative Grammar of Greek and Latin[1] (*Buck*) M Second Term 10:30; B 3	3 Exercises in Greek and Latin Comparative Grammar[1] (*Buck*) M Second Term	7 Greek Dialects (*Buck*) DM
4 Sanskrit, Elementary Course (*Stratton*) DM 10:30; B 3	4 Sanskrit, Elementary Course (*Buck*) DM 11:30; B 3	5 Sanskrit, continuation of 4 (*Stratton*) DM	9 and 10 Avestan and Old Persian (*Buck*) DM
	14 Sanskrit, Advanced Course. Interpretation of selected hymns from the *Atharva-Veda* (*Stratton*) DM 4:00; B 3	13 Seminar; or Lithuanian and Old Bulgarian. Introduction to Balto-Slavic Philology, continuation of 11 and 12 (*Buck*)	

Remarks.

[1] Courses 1-3 are open to students of the University Colleges as well as to those of the Graduate School.

XI. The Greek Language and Literature.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
1 Homer, *Iliad*, Books I–III. Review of Greek Grammar (*Owen*) M First Term 8:30; B 2 2 Xenophon, *Memorabilia;* Plato, *Apology* and *Crito* (*Owen*) DM 11:30; B 2 3 Homer, *Odyssey*, Selections (*Owen*) M Second Term 8:30; B 2	1 Homer, *Iliad*, Books I–III. Review of Greek Grammar, repeated (*Owen*) DM 8:30; B 2 2 Xenophon, *Memorabilia;* Plato, *Apology* and *Crito*, repeated (*Capps*) DM 10:30; B 6 3 Homer, *Odyssey*, Selections, repeated (*Owen*) DM 9:30; B 2 7 Euripides, *Alcestis* and *Iphigenia in Tauris* (*Tarbell*) DM 11:30; B 2	1 Homer, *Iliad*, Books I–III. Review of Greek Grammar, repeated (*Owen*) DM 2 Xenophon, *Memorabilia;* Plato, *Apology* and *Crito*, repeated (*Owen*) DM 8 Andocides, *On the Mysteries;* Demosthenes, Selected Political Orations (*Tarbell*) DM	4 Lysias, Selected Orations; Isocrates, *Panegyricus* (*Castle*) DM 5 Herodotus, Selections (*Owen*) DM 6 Plato, *Gorgias* (*Owen*) DM
10 Greek Lyric Poets (*Capps*) M First Term 9:30; B 2 11 Theocritus, Selections (*Capps*) M Second Term 9:30; B 2 15 Selected Plays of Sophocles and Euripides (*Capps*) DM 10:30; B 2 30 Lucian, Dialogues (*Hussey*) DM 8:30; B 8 31 Post-Classic Greek Poets (*Hussey*) M First Term 11:30; B 6	14 Demosthenes, *Oration on the Crown;* Æschines, *Oration against Ctesiphon* (*Capps*) DM 8:30; B 7 22 Plato, *Republic* (*Shorey*) DM Mon. and Fri. 3:00–5:00; B 2 26 Seminar, History of Ancient Philosophy (*Shorey*) DM Wed. 3:00–5:00; B 2	20 Greek Scenic Antiquities (*Capps*) DM 22 Plato, *Republic*, continued (*Shorey*) DM Mon. and Fri. 3:00–5:00; B 2 24 Aristotle, *Athenian Constitution* (*Capps*) DM 26 Seminar, History of Ancient Philosophy, continued (*Shorey*) DM Wed. 3:00–5:00; B 2	12 Thucydides, Selections (*Tarbell*) DM 16 Attic Orators, Selections (*Castle*) DM 23 Æschylus, Rapid Reading Course (*Shorey*) DM Mon. and Fri. 3:00–5:00; B 2 26 Seminar, History of Ancient Philosophy continued (*Shorey*) DM Wed. 3:00–5:00; B 2

Remarks.

Courses 1-9 are Academic College Courses.

Course 1 is for students who enter with Greek (1) and (2) only. It will not be counted as one of the three required Majors in Greek of the Academic Colleges.

XII. The Latin Language and Literature.

SUMMER	AUTUMN	WINTER	SPRING
4 Cicero, *de Senectute*, Livy, etc. (*Moore*) DM 9:30; B 6 6 Horace, *Odes*[4] (*Walker*) DM 8:30; B 7 7 Cicero's *Letters* (Academic College Course) (*Abbott*) DM 11:30; B 7	1 Cicero, *Orations* (for students in Science) (*Walker*) DM 8:30; B 8 4 Cicero, *de Senectute*, Livy, etc. DM Sec. *a* (*Walker*) 9:30; B 7 Sec. *b* (*Moore*) 9:30; B 6 5 Terence, *Phormio*, and Tacitus, *Germania* and *Agricola*[3] DM Sec. *a* (*Miller*) 11:30; B 8 Sec. *b* (*Mr.*——) 11:30; B 7 6 Horace, *Odes*[4] DM Sec. *a* (*Miller*) 10:30; B 7 Sec. *b* (*Moore*) 3:00; B 8	2 Virgil, *Æneid* for (students in Science)[1] (*Walker*) DM 4 Cicero, *de Senectute*, Livy, etc. (*Miller* and *Mr.* ———) DM 5 Terence, *Phormio*, and Tacitus, *Germania* and *Agricola*[3] (*Walker* and *Moore*) DM 6 Horace *Odes*[4] (*Miller* and *Moore*) DM	3 Selections from Ovid, Horace, Catullus, Cicero's *Letters*, etc. (for students in Science)[2] (*Walker*) DM 4 Cicero, *de Senectute*, Livy, etc. (*Moore* and *Mr.* ———) DM 5 Terence, *Phormio*, and Tacitus, *Germania* and *Agricola*[3] (*Miller* and *Mr.* ——) DM 6 Horace, *Odes*[4] (*Moore* and *Walker*) DM 8 Tusculan *Disputations* (Academic College Course) (*Mr.* ———) DM
37 Syntax of the Latin Verb (*Walker*) M First Term 11:30; B 8 9 Plautus (*Walker*) M Second Term 11:30; B 8 29 Early Latin (*Abbott*) DM 10:30; B 8 10 Lucretius (*Hendrickson*) DM 9:30; B 8 38 Roman Epic Poetry (*Moore*) DM 8:30; B 6 35 Seminar 2, the *Dialogus* of Tacitus (*Hendrickson*) DM Tues. 3:00–5:00; B 2	11 Cicero's *Letters* (University College Course) (*Abbott*) DM 11:30; B 6 15 *Georgics* of Virgil, Tibullus and Propertius (*Chandler*) DM 9:30; B 8 25 Roman Philosophy (*Chandler*) DM 10:30; B 5 17 Pliny (*Mr.* ———) DM 8:30; B 6 34 Seminar 1, Colloquial Latin (*Abbott*) DM Tues. 3:00–5:00, B 5	26 Roman History from the Sources (*Chandler*) DM 20 Christian Latin (*Chandler*) DM 19 Juvenal (*Mr.*——) DM	10 Lucretius (*Chandler*) DM 22 Historical Development of Roman Oratory (*Chandler*) DM 23 Historical Development of Roman Tragedy (*Miller*) DM 30 Latin Epigraphy (*Abbott*) DM 34 Seminar 1, continued (*Abbott*) DM

Required Latin.—Courses 1, 2 and 3 are required of all students in Science; Courses 3, 4 and 5 of all students in Arts and Letters. In each case, the numerical order must be followed.

Elective Latin. In the Academic College.—Courses 7 and 8 are especially designed for Academic College students who have concluded Course 6.

In the University College.—All the courses of the department, except Courses 34 and 35, are open to students of the University College who have already acquired considerable proficiency in the language.

In the Graduate School.—Courses 34 and 35 are for graduates only. The other courses, from 9 upward, are open to graduates according to their needs.

Prerequisites.

[1] Course 1.
[2] Courses 1 and 2.
[3] Course 4.
[4] Courses 4 and 5.

XIII. Romance Languages and Literatures.

SUMMER	AUTUMN	WINTER	SPRING
1 Elementary French (*Bergeron*) DM 7:30; B 16	1 Elementary French, repeated (*Bergeron*) DM 8:30; B 16	1 Elementary French, repeated (*de Poyen-Bellisle*) DM	1 Elementary French, repeated (———) DM
4 French Syntax (*Bergeron*) DM 8:30; B 16	1 Elementary French, repeated (*Howland*) DM 9:30; B 12	2 Elementary French, repeated (*Bergeron*) DM	2 Elementary French, repeated (*de Poyen-Bellisle*) DM
8 Victor Hugo[2] (*Howland*) DM 8:30; B 14	2 Elementary French (*de Poyen-Bellisle*) DM 3:00; B 16	2 Elementary French, repeated (*Howland*) DM	3 Elementary French, repeated (*Howland*) DM
10 French Literature of 19th Century (*Bergeron*) DM 9:30; B 16	3 Elementary French (———) DM 8:30; B 12	3 Elementary French, repeated (———) DM	3 Elementary French, repeated (*Bergeron*) DM
21 Old French Phonology (*Bruner*) DM 8:30; B 12	4 French Syntax (*Bergeron*) DM 9:30; B 16	5 Reading of French (*Bergeron*) DM	6 Reading of French, continued (*Bergeron*) DM
22 Old French Morphology[3] (*Bruner*) DM 10:30; B 12	7 Reading of French[1] (*Bergeron*) DM 11:30; B 16	8 Victor Hugo,[2] repeated (*Bergeron*) DM	9 French Romantic Drama (*Bergeron*) DM
23 Old French Literature Seminar: French Epic (*Bruner*) DM Mon. 2:00–4:00; B 12	10 French Literature, repeated (*Bergeron*) DM 10:30; B 16	11 French Literature of 17th Century (*Bergeron*) DM	12 French Literature of the 18th Century (*Bergeron*) DM
31 Elementary Italian (*Howland*) DM 10:30; B 16	21 Old French Phonology, repeated (*Bruner*) DM 3:00; B 12	22 Old French Morphology,[3] repeated (*Bruner*) DM	26 Origin and Development of French Lyric Poetry (*de Poyen-Bellisle*) DM
36 Dante, *L'Inferno*[6] (*Howland*) MM First Term 9:30 and 11:30; B 12	24 Old French Readings (*de Poyen-Bellisle*) DM 4:00; B 16	25 Provençal Lyric Poetry (*de Poyen-Bellisle*) DM	29 Middle French Philology[5] (*de Poyen-Bellisle*) DM
	27 Popular Latin (*de Poyen-Bellisle*) DM 2:00; B 16	28 French Dialects:[4] Franco-Norman and Anglo-Norman (*de Poyen-Bellisle*) DM	33 Italian Literature of 19th Century (*Howland*) DM
	31 Elementary Italian, repeated (*Howland*) DM 10:30; B 12	32 Elementary Italian, Manzoni (*Howland*) DM	36 Dante, *L'Inferno*[6] (*Howland*) DM
	34 Italian Literature in English (*Howland*) DM 4:00; B 12	35 Machiavelli,[6] *Il Principe* (*Howland*) DM	53 Elementary Spanish, continued (———) DM
	41 Italian Philology (*Bruner*) DM 11:30; B 12	42 Italian Dialects and Seminar[7] (*Bruner*) DM	56 Old Spanish Readings (———) DM
	51 Elementary Spanish (———) DM 2:00; B 12	52 Elementary Spanish, continued (———) DM	
	54 Spanish Literature (———) DM 3:00; B 13	55 Spanish Drama (———) DM	

Remarks.

Courses 1, 2, 3 in French, and Courses 51, 52, 53 in Spanish are primarily for students in the Academic Colleges. Three Quarters of undergraduate work done elsewhere will be considered as equivalent to two Quarters in the University.

Courses 10–12; 22–29; 34–36; 41–42; and 54–56 are primarily for students of the Graduate School.

Prerequisites.

[1] Entrance French 2.
[2] Course 7 or its equivalent.
[3] Continuation of course 21.
[4] Courses 21 and 22.
[5] Continuation of 21 and 22.
[6] Three Majors of Italian.
[7] Course 41.

XIV. Germanic Languages and Literatures.

SUMMER	AUTUMN	WINTER	SPRING
1 Lessing as Critic (*Cutting*) DM 11:30; B 9	3 Faust I. and II. (*Cutting*) DM 11:30; B 9	8 The Nibelungenlied[3] (*von Klenze*) DM	4 Goethe's Storm and Stress Period[2] (*Cutting*) DM
2 Schiller[4] (*von Klenze*) DM 11:30; B 10	6 The Development of German Literature from 1720 to 1800, etc. (*von Klenze* and *McClintock*) DM 9:30; B 9	9 Heine's Prose and Poetry[4] (*von Klenze*) DM	11 Schiller's Wallenstein[4] (*Kern*) DM
13 Gothic (*von Klenze*) DM 10:30; B 9	12 Advanced Prose Composition[2] (*Cutting*) DM 8:30; B 9	10 The Romantic School in Germany[4] (*Mulfinger*) DM	15 Middle High German, repeated (*Cutting*) DM
15 Middle High German (*Cutting*) DM 9:30; B 9	13 Gothic, repeated (*Schmidt-Wartenberg*) DM 4:00; B 9	14 Old High German (*Schmidt-Wartenberg*) DM	21 Elementary Course in Swedish, repeated (*Dahl*) DM
16 Elements of Historical German Grammar (*Schmidt-Wartenberg*) DM 7:30; B 9	17 Introduction to Germanic Philology[5] (*Schmidt-Wartenberg*) DM 5:00; B 9	18 Introduction to Phonetics (*Schmidt-Wartenberg*) M First Term	25 Scandinavian Nineteenth Century Literature, repeated (*Dahl*) DM
20 Elementary Course in Norwegian (Danish) (*Dahl*) DM 8:30; B 9	21 Elementary Course in Swedish (*Dahl*) DM 10:30; B 14	19 Old Saxon[6] (*Schmidt-Wartenberg*) M Second Term	28 Studies in Björnson (*Dahl*) DM
22 Studies in Björnson and Ibsen (*Dahl*) DM 2:00; B 10	23 Old Norse Literature, repeated (*Dahl*) DM 2:00; B 9	26 Advanced Course in Norwegian (*Dahl*) DM	
23 Old Norse Literature (*Dahl*) DM 3:00; B 9	24 Studies in Ibsen (*Dahl*) DM 11:30; B 10	27 Outline Course in Scandinavian Literature (*Dahl*) DM	
	25 Scandinavian Nineteenth Century Literature (*Dahl*) DM 3:00; B 14		
	29 Elementary Course in German, repeated DMM 8:30 and 3:00 Sec. *a* (*Kern*) B 10 Sec. *b* (*Almstedt*) C 17 and B 9		
29 Elementary Course in German (*Kern*) DMM 8:30 and 3:00; B 10		29 Elementary Course in German, repeated (*Almstedt*) DMM	29 Elementary Course in German, repeated (*Almstedt*) DMM
30 Intermediate Course in German[7] (*Kern*) DM 10:30; B 10	30 Intermediate Course in German,[7] repeated (*Almstedt*) DM 10:30; B 10	30 Intermediate Course in German,[7] repeated (*Almstedt*) DM	30 Intermediate Course in German,[7] repeated (*Almstedt*) DM
33 German Comedies[1] (*Schmidt-Wartenberg*) DM 9:30; B 10	31 Modern German Prose[1] (*Kern*) DM 9:30; B 10	31 Modern German Prose,[1] repeated (*Almstedt*) DM	33 German Comedies,[1] repeated (*Kern*) DM
	32 Modern German Lyrics and Ballads[1] (*von Klenze*) DM 10:30; B 9		

Remarks.

Courses 1–28 are for students in the University Colleges and the Graduate School.
Courses 29–34 are for students in the Academic Colleges.
Courses 1, 3, 6, 7, 8, 13–19 and 23 are intended chiefly for Graduate Students.

Prerequisites.

[1] Courses 29 and 30.
[2] Courses 29, 30, 31, and 2, or their equivalent.
[3] Course 15.
[4] Courses 29, 30, and 31.
[5] Course 13.
[6] Courses 13 and 14.
[7] Course 29.

XV. English Language and Literature, and Rhetoric.

SUMMER

1 Rhetoric and English Composition (*Lovett*) DM 2:00; D 1

7 Teacher's Course in Rhetoric (*Lovett*) M First Term 9:30; D 1

8 Daily Themes (*Lovett*) M Second Term 8:30; D 1

20A Old English, Elementary Course (*Davidson*) DM 3:00; D 9

20C Old English, Poetical Texts (*Davidson*) ½DM 4:00; D 9

24C Later Middle English (*Davidson*) DM 2:00; D 9

40 English Literature (*Reynolds*) DM 9:30; D 8

43 The History of English Allegory (*Triggs*) DM 4:00; D 8

45 Sources of Shakespeare's Plays (*Crow*) DM 9:30; D 9

46 Elizabethan Seminar (*Crow*) DM Tues. 4:00–6:00; C 14

54 English Romantic Poets (*Reynolds*) DM 10:30; D 8

AUTUMN

1*a* Rhetoric and English Composition M
Sec. *a* (*Lewis*) 8:30
Sec. *b* (*Moody*) 10:30
Sec. *c* (*Lovett*) 2:00

1*b* Fortnightly Themes; Required Course (*Lewis*) M Tues. 11:30 and 4:00; A 6

1*c* Advanced Themes; Required Course (*Lovett*) Tues. 1:30; A6

2 English Composition (*Moody*) DM 9:30; D1

5*a* Advanced English Composition (*Lovett*) DM 3:00 D1

5*b* Advanced Composition. Daily Themes 1h. a week throughout the year (*Lovett*) DM Monday 3:00; D1

20A Old English, Elementary Course, repeated (*Blackburn*) DM 3:00; D9

21 Old English, Advanced Course (*Blackburn*) DM 2:00; D9

23 English Language Seminar (*Blackburn*) Mon. 2:00–4:00; D9

40 English Literature
A. Shorter Course (*Tolman*) DM 10:30; D9
B. Longer Course, 1 Quarter (*Reynolds*) DM 2:00; D8

51A The English Romantic Movement (*McClintock*) DM Wed., Thurs. 4:00–6:00; D8

52 The Poetry of William Wordsworth (*McClintock*) DM 10:30; D8

54 English Romantic Poets from 1780–1830, repeated (*Reynolds*) DM 11:30; D8

57A The Poetry of Tennyson (*Tolman*) DM 9:30; D8

WINTER

1*a* Rhetoric and English Composition (*Lewis*) DM 2:00

1*b* Fortnightly Themes; required course (*Lovett*) M Tues. 11:30 and 4:00 Lecture Hall

1*c* Advanced Themes; Required Course (*Lovett*) Tues. 1:30; D1

3 Argumentative Composition (*Lovett*) DM 8:30

5*a* Advanced English Composition (*Lovett*) DM 3:00

5*b* Advanced Composition. Daily Themes 1h. a week throughout the year (*Lovett*) DM Monday 3:00

20B Old English, continued, Prose Readings (*Blackburn*) DM 3:00

23 English Language Seminar (*Blackburn*) Mon. 2:00–4:00

40 English Literature
A. Shorter Course, repeated (*Tolman*) DM 10:30
B. Longer Course, 2 Quarter (*Reynolds*) DM

41A Shakespeare (*Brainard*) DM 11:30

42 The History of Old English Literature (*Blackburn*) DM 2:00

46 Elizabethan Seminar History of Development of Blank Verse (*Crow*) DM Tues. 10:30–12:30

47 Development of Dramatic form in Elizabethan Literature (*Crow*) DM 2:00

49A English Literature of the Seventeenth Century (*Moody*) DM 11:30

51B The English Romantic Movement, continued (*McClintock*) DM Wed.& Thurs. 4:00–6:00

SPRING

1*a* Rhetoric and English Composition (*Moody*) DM 2:00

1*b* Fortnightly Themes; Required Course (*Lovett*) M Tues. 11:30 and 4:00 Lecture Hall

1*c* Advanced Themes; Required Course (*Lovett*) Tuesday 1:30 D1

2 English Composition (*Lewis*) DM 8:30

4 Oral Debates (*Lovett* and *Closson*) DM Friday 3:00

5*a* Advanced English Comp'n (*Lovett*) DM

5*b* Advanced Composition. Daily Themes 1h. a week throughout the year (*Lovett*) DM Monday 3:00

20C Old English, continued, Poetical Texts (*Blackburn*) DM 3:00

22 Comparative Grammar of Old English (*Blackburn*) DM 2:00

23 English Language Seminar (*Blackburn*) Mon. 2:00–4:00

40A English Literature (*Reynolds*) DM 9:30

46 Elizabethan Seminar; Marlowe (*Crow*) DM Tues. 10:30–12:30

49B English Literature of the Seventeenth Century, continuation of 49A (*Lovett*) DM 3:00

50 The Classical Period of English Literature (*Reynolds*) DM 11:30

51C The English Romantic Movement, continued (*McClintock*) DM 10:30

XV. English Language and Literature, and Rhetoric.—*Continued.*

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
58A The Works of Robert Browning (*Triggs*) M 8:30	80 Seminar, The Art of Poetry (*Wilkinson*) DM 3:00; D8	53 The Poetry of William Cowper (*McClintock*) DM 10:30	55A English Essayists of the Nineteenth Century (*Butler*) DM 9:30
83A Development of English Literary Criticism (*McClintock*) DM 10:30; D 9	81 Criticism of Criticism (*Wilkinson*) M First Term 9:30; D9	57B The Works of Tennyson (*Triggs*) DM 11:30	56 American Poetry (*Butler*) DM 3:00
84 The Elements of Literature (*McClintock*) DM 9:30; D 9	82 Short Stories (*Wilkinson*) M Second Term 9:30; D9	62A The Poetry of Milton (*Carpenter*) DM 9:30	60 Modern Fiction (*Triggs*) DM 8:30
87 Æsthetics of Literature (*Triggs*) DM 11:30; D 8	88 The Development of English Lyric Poetry (*Carpenter*) DM 11:30; D9	65 The Minor Elizabethan Drama (*Carpenter*) DM 10:30	61 The History of American Literature in Nineteenth Century (*Triggs*) DM 11:30
89 Conference on Teaching of English Literature (*McClintock*)		85 The Theory of the Drama (*Tolman*) DM 9:30	62C Milton's *Paradise Lost* (*Moulton*) DM 10:30
		86 The Development of English Fiction (*Reynolds*) DM 11:30	63 Poetry of the Elizabethan Period (*Crow*) DM 2:00
		87 Æsthetics of Literature (*Triggs*) DM 8:30	83B English Literary Criticism (*Carpenter*) DM 9:30
		90 Bacon and the Early Essayists (*Moulton*) DM 10:30	84 The Elements of Literature (*McClintock*) DM 9:30

Remarks.

Courses 1, 2, 40, and 41 are for students in the Academic Colleges.
Courses 22, 23, 43, 62, 51, 59, 57B, 60, 80, 83A, 85, and 88 are primarily for Graduate Students.

XVI. Biblical Literature in English.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
A22 Minor Prophets of Babylonian Period (*Harper, W. R.*) M First Term 7:30; D 15	A29 Outline of Hebrew History (——) DM	A61 Civil and Criminal Legislation of the Talmud (*Hirsch*) M First Term	A36 Contemporary History of the Hebrews (*Goodspeed*) DM
A22*b* Minor Prophets of Post-Exilic Period (*Harper, W. R.*) M Second Term 7:30; D 15	B3 Life of Christ (*Burton*) DM 11:30; D 16	A17 Minor Prophets (——) DM	A52 Modern Discoveries and the Old Testament (*Price*) DM
B1 Political History of Palestine in New Testament Times (*Mathews*) M First Term 10:30; D 2		A31 Introduction to the History of the Hebrew Monarchy; a seminar *Goodspeed*) DM	B21 Teaching of Jesus (*Votaw*) DM
B8 Gospel of Mark (*Burton*) M Second Term 10:30; D 2		A39 Old Testament Prophecy (*Harper, W.R.*) DM	

Remarks.

Courses A17 and 29; B3 and 21 are for the University and Academic Colleges primarily.

XVII. MATHEMATICS.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
4 Plane Trigonometry [3] (*Dickson*) MM Second Term 9:30, 4:00; D 7 5 College Algebra [4] (*Moore*) DM 7:30; R 36 6 Mathematical Pedagogy (*Young*) M First Term 10:30; R 36	1 Required Mathematics [1] First Quarter [2] 1*a* (*Young*) DM 9:30; D 7 1*b* (*Hancock*) DM 10:30; D 7 1*c* (*Hancock*) DM 11:30; D 7 1*d* (*Slaught*) DM 8:30; D 7	1 Required Mathematics [1] Second Quarter [2] 1*a* (*Young*) DM 1*b* (*Hancock*) DM 1*c* (———) DM 1*d* (*Slaught*) DM 2 Required Mathematics [1] First Quarter [2] 2*a* (*Boyd*) DM 2*b* (———)DM 2*c* (———) DM	3 Required Mathematics [1] First Quarter [2] (*Young*) DM 2 Required Mathematics [1] Second Quarter 2*a* (*Boyd*) DM 2*b* (———) DM 2*c* (*Hancock*) DM 7 Culture Calculus [5] (*Young*) DM
9 Calculus [6] (*Slaught*) DM 5:00; R 38 10 Determinants [7] (*Young*) M First Term 9:30; R 38 14 Differential Equations [9] (*Slaught*) DM 4:00; R 36 17 Surfaces [11] (*Maschke*) DM 8:30; R 36 19 Advanced Analytic Geometry [12] (*Smith*) DM 10:30; R 38 21 Functions [14] (*Moore*) DM 9:30; R 36	8 Analytics and Calculus [5] First Quarter (*Boyd*) DM 8*a* 10:30; R 35 8*b* 11:30; R 36 11 Equations [8] First Quarter (*Young*) DM 10:30; R 38 13 Advanced Integral Calculus [9] First Quarter (*Bolza*) DM 8:30; R 36 20 Partial Differential Equations [13] (*Boyd*) DM 9:30; R 36 22 Functions [15] (*Moore*) DM Mon., Wed. 2:30–4:30; R 36	8 Analytics and Calculus [5] Second Quarter (*Boyd*) DM 8*a* 10:30; R 35 8*b* 11:30; R 36 11 Equations [8] Second Quarter (*Young*) DM 10:30; R 38 13 Advanced Integral Calculus [9] Second Quarter (*Bolza*) DM 8:30; R 36 18 Surfaces [11] (*Maschke*) DM 9:30; R 36	8 Analytics and Calculus [5] Third Quarter (*Boyd*) DM 8*a* 10:30; R 36 8*b* 11:30; R 36 12 Analytic Geometry of three dimensions [9] (*Hancock*) DM 10:30; R 38 15 Differential Equations [10] (*Slaught*) DM 8:30; R 36 16 Analytic Mechanics [11] (*Maschke*) DM 9:30; R 38
23 Higher Plane Curves [16] (*Maschke*) DM 7:30; R 38 26 Linear Differential Equations Seminar [17] (*Moore*) DM Wed. 4:00–600 Sat. 7:30–9:30; R 36	25 Algebraic Functions [17] (*Bolza*) DM 10:30; R 36 29 Elliptic Functions [19] First Quarter (*Moore*) DM Tues., Thurs. 2:30–4:30; R 36 31 Groups [19] Seminar First Quarter (*Moore*) DM Sat. 8:30–10:30; R 36	27 Linear Differential Equations [17] (*Bolza*) DM 10:30; R 36 24 Invariants [16] (*Maschke*) DM 8:30; R 38 28 Minimal Surfaces [18] (*Hancock*) DM 11:30; R 38	30 Icosahedron [20] (*Maschke*) DM 8:30; R 38 29 Elliptic Functions [19] Second Quarter (*Moore*) DM Tues., Thurs. 2:30–4:30; R 36 31 Groups [19] Seminar Second Quarter (*Moore*) DM Sat. 8:30–10:30; R 36

[1] **Required Mathematics.**—Two consecutive double minors of mathematics are required of every student in the first year of residence. The subjects are, in order: *Plane trigonometry, the elements of the analytic geometry of the conic sections, and the elementary theory of finite and infinite algebraic and trigonometric series.*

This course will be given in 1895–96 in seven sections: Course 1, sections 1*a*, 1*b*, 1*c*, 1*d*, during the Autumn and Winter Quarters; Course 2, sections 2*a*, 2*b*, 2*c*, during the Winter and Spring Quarters.

Students wishing to study Chemistry or Physics or to elect *Culture Calculus* (Course 7) should enter section 1*a*, 1*b*, 1*c*, or 1*d*.

If students are allowed to matriculate with entrance conditions in mathematics, they are expected to remove these conditions at the next regular entrance examination, and, until this has been done, they may not take the required college mathematics.

The classes in Required Mathematics meet in *Cobb Lecture Hall*, in rooms advertised from quarter to quarter on the general bulletin boards in *Cobb Lecture Hall* and on the departmental bulletin board in the departmental Library, room 37 of *Ryerson Physical Laboratory*.

Academic College Electives in Mathematics.—Courses (7), *Culture Calculus* (Double Minor, Spring Quarter) and (8) *Analytics and Calculus* (three consecutive Double Minors). Students intending to specialize in Mathematics, in Astronomy, or in Physics should arrange their work so as to take *Analytics and Calculus* in their second year of residence.

Courses 1–7 are elementary courses.
Courses 8–22 are introductory to the Higher Mathematics.
Courses 23-31 are advanced courses, intended primarily for Graduate Students.

PREREQUISITES.

[3] Entrance Algebra and Plane and Solid Geometry.
Entrance Algebra and Plane Geometry.
[4] Entrance Algebra and Plane Trigonometry.
[5] Course 1 or 2.
[6] Course 1 or 2, and Plane Analytic Geometry.
[7] Course 5, or equivalents.
[8] Analytic Geometry and Differential Calculus.
[9] Course 8, or equivalent.
[10] Course 13 or equivalent.
[11] Courses 8, 12, and 13.
[12] Thorough knowledge of Algebra, Plane Trigonometry and Analytic Geometry.
[13] Courses 8, 12, 13, and 15.
[14] Courses 8, 11, and 13.
[15] Courses 13 and 11, or equivalents.
[16] Courses 8 and 11, or equivalents.
[17] Course 22.
[18] Courses 22 and 17 or 18.
[19] Course 22 and Theory of Substitutions.
[20] Courses 11 and 22.

XVIII. ASTRONOMY.

R 35

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
25 Determination of Orbits[1] (*See*) DM 10:30; R 35	28 Astrophysical Research (*Hale*) DM	34 Astrophysical Research (*Hale*) DM	40 Astrophysical Research (*Hale*) DM
26 Mathematical Theory of the Heat of the Sun (*See*) DM 11:30; R 35	29 Theory of Attractions (*See*) DM 10:30; R 35	35 Gauss's Method of Determining Secular Variations (*See*) DM	41 Computation of Ephemerides[4] (*Laves*) DM
27 Seminar (*See*) Sat. 8:30; R 35	30 History of the Physical Sciences (*See*) DM 11:30; R 35	36 Introduction to Physical Astronomy[3] (*See*) DM	42 Spherical Harmonics (*Laves*) DM
	31 General Astronomy[2] (*Laves*) DM 8:30; R 35	37 Determination of Orbits (*Laves*) DM	43 Seminar (*Laves*)
	32 Probability and Least Squares[1] (*Laves*) DM 9:30; R 35	38 General Astronomy, continued (*Laves*) DM	
	33 Seminar (*See* and *Laves*)	39 Seminar (*See* and *Laves*)	

PREREQUISITES.

[1] Differential and Integral Calculus.
[2] Algebra, Trigonometry, and the Elements of Physics.
[3] Differential Calculus.
[4] Course 37, or its equivalent.

XIX. Physics.

R

SUMMER	AUTUMN	WINTER	SPRING
1 General Physics, Lectures[1] (*Wadsworth*) DM 10:30; R 7 2 General Laboratory Practice[2] (*Wadsworth* and *Morrison*) DM Mon.–Fri. 1:30–4:30	1 General Physics, Lectures, continued[1] (*Stratton*) DM 9:30; R 32	1 General Physics,[1] (*Stratton*) DM 2 General Laboratory Practice[2] (*Wadsworth*) DM Mon.–Fri. Morning Sec. 10:30–12:30 Afternoon " 1:45– 3:45	1 General Physics, continued[1] (*Stratton*) DM 2 General Laboratory Practice[2] (*Wadsworth*) DM
4 Laboratory Practice, Advanced[4] (*Wadsworth*) DM Mon.–Wed. 1:30–4:30 8 Theory and Design of Scientific Instruments of Precision[5] (*Wadsworth*) ½DM Thurs. and Fri. 2:00; R 7 12 Research Methods of Investigation[8] (*Wadsworth*) DM Mon., Wed., Fri. 11:30; R 7 14 Special Graduate Laboratory[8] (*Wadsworth*) DMM 10–20 hrs. a week 21 Theoretical Physics,[3] Theory of Heat (*Bauer*) DM Mon., Tu., Thurs., Fr. 10:30; R 32 25 Geophysics (*Bauer*) Lectures. Wed. 4:00; R 32	3 General Physics, Advanced[3] (*Wadsworth*) DM Mon.–Fri. 10:30 4 Laboratory Practice, Advanced[4] (*Wadsworth*) DM Mon.–Wed. 1:30–4:30 5 Projection Drawing and Line Shading (*Wadsworth*) DM Wed.–Fri. 1:30–4:00 Sat. 9:30–12:30 7 Laboratory Methods (*Stratton*) DM Thur. and Fri. 2:00 9 Theory of Reduction of Observations[6] (*Wadsworth*) ½DM Mon.–Wed. 8:30 13 Research Course (*Michelson*) DMM Mon.–Fri. 2:00 14 Special Graduate Course[8] (*Michelson*) DM Thurs. and Fri. 11:30 15 Graduate Course[8] (*Michelson* and *Stratton*) DM Mon.–Thurs. 2:00 16 Spectrum Analysis (*Michelson*) ½DM Mon. and Tues. 11:30 22 Theoretical Physics[3] continued (*Bauer*) M Fri. 2:30–4:30; R 32 26 Geophysics[9] General Meteorology and Terrestrial Magnetism (*Bauer*) DM Tu., Thurs., Fri., Sat. 8:30; R 32	3 General Physics, Advanced[3] (*Michelson* and *Stratton*) DM 4 Laboratory Practice, Advanced[4] (*Wadsworth*) DM Mon.–Wed. 1:30–4:30 10 Curve Tracing and Graphical Solutions[7] (*Wadsworth*) ½DM Lectures. Thurs. and Fri. 11 Theory of Heat[8] (*Wadsworth*) DM Mon.–Wed., Sat. 11:30 13 Research Course, continued (*Michelson*) DMM 14 Special Graduate Course, continued[8] (*Michelson*) DM 15 Graduate Course, continued[8] (*Michelson* and *Stratton*) DM 17 Velocity of Light (*Michelson*) ½DM 23 Theoretical Physics.[3] Theory of the Potential Function (*Bauer*) DM 27 Geophysics.[3] Theoretical Meteorology (*Bauer*) DM	3 General Physics, Advanced[3] (*Michelson* and *Stratton*) DM 4 Laboratory Practice, Advanced[4] (*Stratton*) DM 6 Electrical Measurements (*Stratton*) DM 8 Design and Construction of Instruments of Precision[5] (*Wadsworth*) DM. Lectures: Wed.–Fri. 8:30. Laboratory: Thurs. and Fri. 1:30–4:00 12 Research Methods of Investigation[8] (*Wadsworth*) DM Mon., Wed., Sat. 11:30 13 Research Course, continued (*Michelson*) DMM 14 Special Graduate Course continued[8] (*Michelson*) DM 15 Graduate Course, continued[8] (*Michelson* and *Stratton*) DM 18 Application of Interference Methods (*Michelson*) ½DM

Remarks.

Courses 1 and 2 are for the Academic College students.
Course 9 is given in Summer Quarter as ¼DM in connection with Course 4.

PREREQUISITES.

[1] Plane Trigonometry.
[2] First Quarter of General Physics.
[3] Differential and Integral Calculus.
[4] Differential and Integral Calculus. and Course 2.
[5] Projection Drawing and Line Shading, and Course 3.
[6] Two Quarters of Differential and Integral Calculus.
[7] Differential and Integral Calculus, and Course 9.
[8] Course 3.
[9] Elementary Physics.

XX. CHEMISTRY.
K

SUMMER	AUTUMN	WINTER	SPRING
2 General Chemistry[4] (*Lengfeld*) MM First Term: Mon.–Sat. 10:30–12:30 Laboratory: Mon.–Thurs. 2:00–5:00; K 10	1*a* General Chemistry[2 4] (*Smith*) DM K 14 First Term: Mon.–Fri. 11:30 Second Term: Mon.–Wed. 11:30 Laboratory: Wed.–Fri. 2:00–5:00; K 36	1*a* General Chemistry[3 4] (*Smith*) DM Mon.–Wed. 11:30 Laboratory: Wed.–Fri. 2:00–5:00	1*b* General Chemistry[2] (*Lengfeld*) DM First Term: Mon.–Fri. 11:30 Second Term: Mon.–Wed. 11:30 Laboratory: Wed.–Fri. 2:00–5:00
5 Qualitative Analysis[1 6] (*Lengfeld* and *Stieglitz*) DM or DMM	4 Qualitative Analysis[1 6] (*Stieglitz* and *Bernhard*) DM or DMM K 24	4 Qualitative Analysis[1 2 3 6] (*Stieglitz* and *Bernhard*) DM or DMM	3 General Chemistry[1 6] (*Smith*) DM
7 Quantitative Analysis[1 7] (*Lengfeld* and *Stieglitz*) DM or DMM	6 Quantitative Analysis[1 7] (*Stieglitz*) DM or DMM K 24	6 Quantitative Analysis[1 2 3 7] (*Stieglitz*) DM or DMM	4 Qualitative Analysis[1 2 3 6] (*Stieglitz* and *Bernhard*) DM or DMM
10 Organic Chemistry[7] (*Curtiss*) DMM Mon.–Sat. 8:30	8 Elementary Spectrum Analysis[1 6] (*Stieglitz*) ½ DM K 44	9 Organic Chemistry[3] (*Nef*) DM Thurs.–Sat. 11:30	6 Quantitative Analysis[1 2 3 7] (*Stieglitz*) DM or DMM
14 Advanced Inorganic Work[1 8] (*Lengfeld*) M or MM	9 Organic Chemistry[7] (*Nef*) DM Thurs.–Sat. 11:30 K 14	18 Organic Preparations[1 2 3] (*Nef*) DM or DMM	9 Organic Chemistry[3] (*Nef*) M First Term Thurs.–Sat. 11:30
19 Organic Preparations[1 8] (*Curtiss*) DM or DMM	13 Advanced Inorganic Work[1 8] (*Smith*) DM or DMM K 15	20 Research[1] (All Instructors) DMM	11 Advanced Inorganic Chemistry[6] (*Smith*) ½ DM
20 Research[1] (*Nef* and *Stieglitz*) DMM	18 Organic Preparations[1 8] (*Nef*) DM or DMM K 15	21 Journal Meeting[3] (*Nef*) Fri. 4:30	13 Advanced Inorganic Work[1 8] (*Smith*) DM or MM
25 Special Organic Chemistry[5] (*Nef*) ½ M Second Term Fri. and Sat. 11:30	20 Research[1] (All Instructors) DMM K 31	24 Organic Nitrogen Derivatives[5] (*Stieglitz*) ½DM Mon. and Thurs. 8:30	18 Organic Preparations[1] (*Nef*) M or MM First Term
	21 Journal Meeting (*Nef*) Fri. 4:30 K 14	27 Coal Tar Colors[3] (*Ikuta*) ½ DM	20 Research[1] (All Instructors) DMM
	23 Carbohydrates[5] (*Stieglitz*) ½ DM K 14 Wed. and Thurs. 8:30	28 Gas Analysis[1 8] (*Curtiss*) DM	
	27 Coal Tar Colors[5] (*Ikuta*) ½ DM K 14	29 Quantitative Analysis by Electrolytic Methods (*Stieglitz*) DM or DDM Laboratory Work	

REMARKS.

[1] Laboratory Work. [2] Repeated. [3] Continued.

PREREQUISITES.

[4] College Physics. [5] Organic Chemistry. [6] General Chemistry. [7] Qualitative Analysis. [8] Quantitative Analysis.

XXI. Geology.*

SUMMER	AUTUMN	WINTER	SPRING
9 General Geology[4] (*Chamberlin*) MM First Term 9:30–11:30	1 Physiography (*Salisbury*) DM 9:30	1 Physiography, repeated (———) DM 9:30	3 Descriptive Mineralogy, continued[2] (*Iddings*) M First Term 9:30
29 Field Class in Geology (*Chamberlin*) MM and M Second Term†	2 Geometrical and Physical Crystallography[1] (*Iddings*) DM 9:30	2 Geometrical and Physical Crystallography,[1] continued (*Iddings*) M First Term 9:30	4 Determinative Mineralogy (*Farrington*) M Second Term 9:30
30 Professional Geology	6 Petrography (*Iddings*) DM or DMM	3 Descriptive Mineralogy[2] (*Iddings*) M Second Term 9:30	5 Petrology (*Iddings*) DM
31 Independent Field Work†	9 Geographic Geology[4] (*Salisbury*) DM or DMM 11:30	6 Petrography, continued (*Iddings*) DM or DMM	6 Petrography, continued (*Iddings*) DM or DMM
	10 Laboratory Work in Geographic Geology[5] (*Salisbury*) M Second Term	11 Structural Geology and Continental Evolution[6] (*Salisbury*) DM or DMM 11:30	7 Petrology[3] (*Iddings*) ½ DM or ½ DMM
	17 Introduction to Palæontologic Geology[11] (———) DM or DMM	12 General Geology (*Salisbury*) DM or DMM 9:30	16 Geologic Life Development[10] (*Chamberlin*) DM 10:30
	19 Special Palæontologic Geology[12] (———) DM or DMM	13 Dynamic Geography[7] (*Salisbury*) M, DM or DMM	18a Palæontologic Geology, Mesozoic Life[12] (———) DM or DMM
	24 Principles and Working Methods of Geology[13] (*Chamberlin*) DM or DMM 10:30	14 Economic Geology[8] (*Penrose*) DM 8:30	19 Special Palæontologic Geology, continued[12] (———) DM or DMM
	25 Special Geology (*Chamberlin*) ½ DM or ½ DMM	15 The Chemistry of Ore Deposits[9] (*Penrose*) DM	22 Archæologic Geology (*Holmes*) ¼ DM Fri. 2:00
	26 Local Field Geology (*Chamberlin* and *Salisbury*)	18 Palæontologic Geology, Palæozoic Life[12] (———) DM or DMM	23 Graphic Geology (*Holmes*) ¼ DM Fri. 3:00
	27 General Seminar (*Chamberlin*)	19 Special Palæontologic Geology, continued[13] (———) DM or DMM	25 Special Geology, continued (*Chamberlin*) ½ DM or ½ DMM
		20 Pre-Cambrian Geology (*Van Hise*) M First Term	26 Local Field Geology (*Chamberlin* and *Salisbury*)
		21 Laboratory Course in Pre-Cambrian Geology (*Van Hise*) M First Term	27 General Seminar, continued (*Chamberlin*)
		24 Principles and Working Methods of Geology, continued[13] (*Chamberlin*) M or MM First Term 10:30	
		25 Special Geology, continued (*Chamberlin*) ½ DM or ½ DMM	
		27 General Seminar, continued (*Chamberlin*)	
		28 Seminar in Glacial Geology (*Chamberlin*) Second Term 10:30	

Remarks.

* All courses at the University are given in Walker Museum (=W), 2d floor, Lecture-room or Laboratory.

† Location of field work to be selected later.

Course 1 is mainly for the Academic College Students.

Courses 12 and 27 open to Academic College Students only by special permission.

Courses 7, 8, 13, 20, 21, 24, 25, 28, 30 and 31 are primarily for Graduate Students.

PREREQUISITES.

[1] Physics and Inorganic Chemistry.
[2] Course 2.
[3] Course 6.
[4] Course 1, Elementary Geology, Chemistry and Physics.
[5] Open to members of Course 9 only.
[6] Course 9; Elementary Mineralogy and Petrology desirable.
[7] Courses 9 and 11, or equivalents.
[8] Courses 4 and 11; also Inorganic Chemistry and Physics.
[9] Courses 5, 6 and 14.
[10] Systematic Zoölogy and Botany, and Courses 11 or 12.
[11] Zoölogy and General Geology.
[12] Course 17.
[13] Courses 9 and 11, or their equivalents, the Elements of Mineralogy and Petrology, and their antecedents.

XXII. ZOÖLOGY.

K 14, 22, and 37

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
5*a* Marine Biology, at Wood's Holl (*Whitman*) DMM	1 Embryology—Research[1] (*Whitman*) DMM 9:00–4:00, daily; K 22	3 Embryology—Research[1] (*Whitman*) DMM 9:00–4:00, daily; K 22	5 Embryology—Research[1] (*Whitman*) DMM 2:00–4:00, daily; K 22
9*b* General Elementary Zoölogy (*Wheeler*) DMM First Term Mon.–Thurs. 9:30–12:30; K 37	2 Seminar—Historical (*Whitman*) DM Tues. 4:00–5:00	4 Seminar—Historical (*Whitman*) DM Tues. 4:00–5:00	8 Anatomy and Physiology of the Cell (*Watasé*) DM Fri. 9:30–5:00; K 37
Vertebrate Embryology (*Wheeler*) DMM Second Term Mon.–Thurs. 9:30–12:30; K 37	6 Anatomy and Physiology of the Cell (*Watasé*) DM Fri. 9:30–5:00; K 37	7 Anatomy and Physiology of the Cell (*Watasé*) DM Fri. 9:30–5:00; K 37	8*a* Visual Organs—Research (*Watasé*) DM or DMM
16 Special Bacteriology (*Jordan*) Second Term M or MM 2:00–4:00; K 14	8*a* Visual Organs—Research (*Watasé*) DM or DMM	8*a* Visual Organs—Research (*Watasé*) DM or DMM	10*c* Entomology—Research[2] (*Wheeler*) DM or DMM 9:00–4:00, daily; K 37
18 General Bacteriology (*Jordan*) M or MM Second Term 10:30–11:30; 2:00–4:00; K 14	9 Comparative Anatomy of Vertebrates (*Wheeler*) DMM Mon.–Thurs. 9:30–12:30; K 37	14 Special Bacteriology[4] (*Jordan*) DM or DMM Tues. and Thurs. 2:00–5:00; K 14	11 Vertebrate Embryology[3] (*Wheeler*) DMM Mon.–Thurs. 9:30–12:30; K 37
19 Heredity and Evolution (*Wyld*) M First Term 3:00; W 3d Floor	10*a* Entomology–Research[2] (*Wheeler*) DM or DMM 9:00–4:00, daily; K 37	15 General Biology, continued[5] (*Jordan*) DM Wed. 9:30–10:30; 2:00–5:00; K 14	19 Heredity and Evolution (*Wyld*) DM
	12 Special Bacteriology[4] (*Jordan*) DM or DMM Tues. and Thurs. 2:00–5:00; K 14	17 General Bacteriology (*Jordan*) ½DM Mon. and Fri. 10:30–11:30	20 Seminar (*Wyld*) DM
	13 General Biology[5] (*Jordan*) DM Wed. 9:30–10:30; 2:00–5:00; K 14	19 Heredity and Evolution (*Wyld*) DM	
	19 Heredity and Evolution (*Wyld*) DM Wed. Thurs. and Fri. 3:00; W 3d Floor.	20 Seminar (*Wyld*) DM	
	20 Seminar (*Wyld*) DM		

PREREQUISITES.

[1] The elementary and advanced courses in General Biology, Embryology, Anatomy, and Histology.
[2] The elementary courses.
[3] General Biology, Histology, and Comparative Anatomy of Vertebrates.
[4] The elementary courses and general Bacteriology.

[5] Courses 9*b*, 13 and 15 are Academic College Courses.

XXIII. Anatomy and Histology.

K 37

SUMMER	AUTUMN	WINTER	SPRING
7 Histological Methods [1] (*Eycleshymer*) MM First Term Lecture: Thurs. 8:30 Laboratory: Mon., Thurs., Fri. 2:00–5:00; K 37 8 Elements of Histology (*Eycleshymer*) MM Second Term Lecture: Thurs. 8:30 Laboratory: Mon., Thurs., Fri. 2:00–5:00; K 37	1 Mammalian Anatomy (*Mr.* ———) M First Term Lecture: Day and hour to be arranged Laboratory: Thurs., Fri. 2:00–5:00 2 Histological Methods[1] (*Mr.* ———) MM Second Term Lecture: Day and hour to be arranged Laboratory: Mon., Thurs., Fri. 2:00–5:00	3 Elements of Histology[2] M First Term Lecture: Day and hour to be arranged. Laboratory: Thurs., Fri. 2:00–5:00 4 Elements of Histology,[3] continued M Second Term Lecture: Day and hour to be arranged Laboratory: Thurs., Fri. 2:00–5:00 5 Mammalian Anatomy DM Lectures and Laboratory	6 Mammalian Anatomy, continued DM Lectures and Laboratory

Prerequisites.

[1] Elementary Chemistry and Course 1. [2] Courses 1 and 2. [3] Course 3.

XXIV. Physiology.

R 34

SUMMER	AUTUMN	WINTER	SPRING
1 Physiology: Research work (*Loeb*) Wood's Holl DMM 2 Physiology: Laboratory work (*Lingle*) MM First Term 2:00–5:00; R 34 3 Introductory Physiology[4] (*Lingle*) MM Second Term 10:30; R 34	4 Original Investigation[1] (*Loeb*) DMM 9:30; R 34 5 Advanced Physiology[2] (*Loeb*) DM or DMM 2:00; R 34 6 General Physiology[3] (*Loeb*) DM Mon., Wed., Thurs., Sat. 10:30; R 34 7 Introductory Physiology[4] repeated (*Lingle*) DM Mon., Fri. 2:00; R 34 8 Physiology of Circulation[3] (*Lingle*) ½DM Tues. 10:30; R 34	4 Original Investigation[1] (*Loeb*) DMM 9:30; R 34 5 Advanced Physiology,[2] continued (*Loeb*) DM or DMM 2:00; R 34 9 Comparative Physiology[3] (*Loeb*) DM Mon., Wed., Thurs., Sat. 10:30; R 34 10 General Laboratory Work, Chemical Part (*Lingle*) DM Mon.–Wed. 2:00–5:00; R 34 11 Physiology of Digestion, Secretion and Metabolism[3] (*Lingle*) DM Lecture: Tues. 10:30 Laboratory: Mon.–Wed. 2:00–5:00	4 Original Investigation[1] (*Loeb*) DMM 9:30; R 34 5 Advanced Physiology,[2] continued (*Loeb*) DM or DMM 2:00; R 34 12 Physiology of Sense Organs[3] (*Loeb*) DM Mon., Wed., Thurs., Sat. 10:30; R 34 13 General Laboratory Work,[3] Physical Part (*Lingle*) DM Mon.–Wed. 2:00–5:00; R 34

Prerequisites.

[1] Course 5.

[2] Courses 6, 8, 11, 12, and 13, and reading knowledge of French and German.

[3] General Physics, General Chemistry, Elementary Biology, Elementary Anatomy and Histology, Introductory Physiology.

[4] Courses 3 and 7 are Academic College Courses.

XXV. Neurology.

K 42

SUMMER	AUTUMN	WINTER	SPRING
Neurological Problems (*Donaldson*) DMM	Neurological Problems (*Donaldson*) DMM	Neurological Problems (*Donaldson*) DMM	Neurological Problems (*Donaldson*) DMM
5 Development of Central Nervous System[3] (*Donaldson*) DM Lecture: Thurs. 8:30 Laboratory Work: Thurs. and Fri. 2:00–5:00; K 42	1 Architecture of Central Nervous System[1] (*Donaldson*) DM Lecture: Thurs. 8:30 Laboratory Work: Thurs. and Fri. 2:00–5:00; K 42	2 Growth of Brain[1] (*Donaldson*) M First Term Lecture: Thurs. 8:30 Laboratory Work: Thurs. and Fri. 2:00–5:00; K 42	4 Localization of Function in Cerebral Cortex[2] (*Donaldson*) DM Lecture: Thurs. 8:30 Laboratory Work: Thurs. and Fri. 2:00–5:00; K 42
6 Seminar[4] (*Donaldson*) DM Fri. 8:30–10:30; K 42	6 Seminar[4] (*Donaldson*) DM Fri. 8:30–10:30; K 42	3 Sense Organs[1] (*Donaldson*) M Second Term Lecture: Thurs. 8:30 Laboratory Work: Thurs. and Fri. 2:00–5:00; K 42	6 Seminar[4] (*Donaldson*) DM Fri. 8:30–10:30; K 42
		6 Seminar[4] (*Donaldson*) DM Fri. 8:30–10:30; K 42	7 Introduction to Comp. Anat. of Nervous System (*Meyer*) ½ DM Fri. 3:00–5:00

Prerequisites.

[1] General Histology.
[2] General Histology and Elementary Physiology.
[3] General Histology and Embryology.
[4] Work in Neurology for at least one Quarter.

XXVI. Palæontology.

W 3d floor

SUMMER	AUTUMN	WINTER	SPRING
5 Research in Osteology[3] (*Baur*) MM First Term Mon.–Fri. 8:30–12:30; 2:00–5:00	1 Vertebrate Zoölogy and Palæontology[1] (*Baur*) ½DM Thurs. and Fri. 8:30	2 Comparative Osteology[2] (*Baur*) ½DM Thurs. and Fri. 8:30	2 Comparative Osteology,[2] continued (*Baur*) ½DM
6 Human Osteology (*Baur*) M First Term Fri. 7:30; Sat. 7:30–10:30	3 Seminar in Phylogeny (*Baur*) ½DM Wed. 2:00–4:00	3 Seminar in Phylogeny (*Baur*) ½DM Wed. 2:00–4:00	3. Seminar in Phylogeny (*Baur*) ½DM
7 General Morphology of the Vertebrate Skeleton[4] (*Baur*) M First Term Lectures: Mon. and Tues. 7:30 Laboratory: Wed. 3:00–5:00	5 Research in Osteology[3] (*Baur*) DMM Mon. to Fri. 8:30–12:30, 2:00–5:00	4 Laboratory Work (with 2) Thurs. 2:00–4:00	4 Laboratory Work, continued (with 2)
8 Systematic Phylogeny of Vertebrates[5] (*Baur*) M First Term Wed. and Thurs. 7:30	8 Systematic Phylogeny of Vertebrates (*Baur*) DM Tues. and Wed. 8:30	5 Research in Osteology, continued[3] (*Baur*) DMM Mon. to Fri. 8:30–12:30, 2:00–5:00	5 Research in Osteology,[3] continued (*Baur*) DMM
9 Palæontological Field Work (*Baur*) M Second Term		8 Systematic Phylogeny, continued (*Baur*) DM Tues. and Wed. 8:30	6 Human Osteology (*Baur*) DM

Prerequisites.

[1] Elementary Zoölogy.
[2] Outlines of Vertebrate Zoölogy and Palæontology, Comparative Anatomy, Embryology, Ge ology.
[3] Comparative Osteology and Phylogeny of Vertebrates.
[4] Elements of Comparative Anatomy.
[5] Elementary Zoölogy of Vertebrates.

Course 1 is an Academic College Course.

XXVII. Botany.

W 3d floor

SUMMER	AUTUMN	WINTER	SPRING
4 Morphology of Cryptogams[2] (*Davis*) DM Lectures: Tues. and Fri. 11:30 Laboratory: Mon. and Thurs. 2:00–5:00	1 Special Morphology[1] (*Coulter*) M Sat. 9:30	1 Special Morphology,[1] continued (*Coulter*) First Term	2 Special Physiology of Plants,[1] continued (*Coulter*) M
5 Plant Evolution[2] (*Clarke*) DM Laboratory and Lectures: Tues. and Fri. 2:00–5:00 Wed. 2:00–4:00	3 Advanced Laboratory Work[1] (*Coulter*) DM or DMM Sat.	2 Special Physiology of Plants[1] (*Coulter*) Second Term	3 Advanced Laboratory Work[1] (*Coulter*) DM or DMM
7 Elementary Systematic Botany[3] (*Clarke*) MM First Term MM Second Term, repeated and continued Tues., Wed., Fri., Sat. 8:30–11:30	6 Elementary General Morphology[3] (*Davis*) DM Lectures: Wed. and Fri. Laboratory: Tues. and Thurs. (Hours to be arranged)	3 Advanced Laboratory Work[1] (*Coulter*) DM or DMM	6 Elementary General Morphology,[3] continued (*Davis*) DM
		6 Elementary General Morphology,[3] continued (*Davis*) DM	

Prerequisites.

[1] The equivalent of Course 6. [2] At least the equivalent of Course 7. [3] None. Open to all students.

XXVIII. Elocution.

K Theatre

AUTUMN	WINTER	SPRING
1 Required Elocution (*Clark*) 1 hr. a week Sec. 1 Tues. 10:30 Sec. 2–4 Wed., Thurs., Fri. 4:00	1 Required Elocution (*Clark*) 1 hr. a week Sec. 1 Tues. 10:30 Sec. 2–4 First Term Wed., Thurs., Fri. 4:00	1 Required Elocution (*Clark*) 1 hr. a week Sec. 1 Tues. 10:30 Sec. 2–4 Wed., Thurs., Fri. 3:00
2 Oratorical Declamation and Analysis[1] (*Clark*) Tues. to Sat. 11:30	3 Extempore Speaking[1] (*Clark*) M First Term Tues. to Sat. 11:30	4 Reading Aloud (*Clark*) DM Tues. to Fri. 3:00 5 Dramatic Reading[2] (*Clark*) DM Tues. to Sat. 11:30

Prerequisites.

[1] Course 1, or its equivalent. [2] Courses 1 and 2, or equivalents.

XXIX. Physical Culture.

Class Work in Physical Culture is required of all undergraduate students not excused on account of physical disability, during four half-hours a week. Six Quarters' work in Physical Culture is required of Academic College students and four Quarters of University College students. Students taking an excessive number of cuts will not be allowed to continue their University work until they shall conform to the requirements. Students are given choice of hour and course. Courses are offered in prescriptive work, general class drills, and athletic training. Each course is so arranged that those who take part in it receive work which tends to symmetrical development.

Students will select their period for class work from the following: Men — 8:45, 9:45, 10:45, 11:45 A.M. 5:15 P.M. Women — 9:45 A.M., 11:45 A.M., 2:15 and 3:15 P.M. Training for any of the University Athletic Teams will be accepted as an equivalent for gymnasium work.

A period lasts one-half hour and comes on Tuesday, Wednesday, Thursday, and Friday of each week. Bulletins containing appointments for physical examination and departmental communications will be posted.

ANNOUNCEMENT OF COURSES OFFERED BY THE FACULTY OF THE DIVINITY SCHOOL.

JULY 1, 1895, TO JULY 1, 1896.

NOTE.—The following is a list of the titles of courses to be given in the Divinity School from July 1, 1895, to July 1, 1896.

For a complete description of the courses consult the ANNUAL REGISTER, the DIVINITY CIRCULAR OF INFORMATION, and the DEPARTMENTAL PROGRAMMES.

SPECIAL NOTICE.— The **hour and place of the exercises** are printed in **bold-face type** after the title of the course. The number at the head of each course indicates its number in Register and Programme.

ABBREVIATIONS.—A, B, C, D refer to the floors in Cobb Lecture Hall, beginning with the ground floor as A. The rooms are numbered. K=Kent Chemical Laboratory, R=Ryerson Physical Laboratory, W=Walker Museum.

The abbreviations used in the description of the courses are: M-Minor, DM-Double Minor, MM-Major, DMM-Double Major

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REGISTRATION.—Students in residence must register for the Autumn Quarter on or before Saturday, September 7; the registration card and course cards may be obtained from the Dean. The student will, (1) write upon the registration card his full name, matriculation number, and Chicago address; (2) write upon each course card his full name, together with the number of the department and the number of the courses desired; (3) deposit the cards thus filled out with the Dean, and (4) receive from the Dean a class-ticket. No student is registered or entitled to admission to a course until the cards are accepted by the Deans.

Students entering the University for the first time or resuming work after an absence of a Quarter or a Term must register on or before Tuesday, October 1.

On registration the student's card will in every case be countersigned by the Registrar. A registration fee of $5.00 will be paid at that time. **This fee will be remitted if registration is effected on or before the assigned dates.**

THE GRADUATE DIVINITY SCHOOL.

LXI. Old Testament Literature and Interpretation.

Departments XLI. and VIII. are identical. The courses offered in both are the same.

HEBREW.

SUMMER	AUTUMN	WINTER	SPRING
2-3 Beginners' Hebrew (*Harper W. R.* and *Breasted*) MM First Term MM Second Term 8:30 and 2:00; D 15	7 Books of Chronicles (*Crandall*) M Second Term 11:30; D 13	8 Deuteronomy—Sight Reading (*Crandall*) ½M First Term	1 Beginners' Hebrew (*Harper W. R.* and *Crandall*) MM First Term
4 Samuel (*Harper R. F.*) M First Term 10:30; D 13	9c Book of Judges (*Crandall*) DM 8:30; D 15	14 Jeremiah—Sight Reading (*Crandall*) ½M Second Term	5 Books of Kings (*id.*) MM Second Term
5*b* Kings (*Harper R. F.*) M Second Term 10:30; D 13	25 Book of Job (*Hirsch*) M Second Term 9:30; D 15	15 Jeremiah (*Price*) M First Term	6 Books of Kings (*Kent*) First Term M
8 Hebrew Sight Reading—Deuteronomy (*Crandall*) ½M Second Term 10:30; D 6	34 History of Antiquity (*Goodspeed*) DM 2:00; D 16	16 Ezekiel (*Price*) M Second Term	11 Isaiah i–xxxix (*Price*) M First Term
8*b* Hebrew Sight Reading—Samuel (*Crandall*) ½M Second Term 11:30; D 6	39 Old Testament Prophecy (*Harper W. R.*) DM 10:30; D 15	31 Introduction to the History of the Hebrew Monarchy (*Goodspeed*) DM	13 Isaiah xl–lxvi (*Price*) M Second Term
8*c* Hebrew Sight Reading—Kings (*Breasted*) ½M First Term 11:30; D 15	43 History of the Canon and Text of the Old Testament (*Price*) DM 2:00; D 15	45 Development of Old Testament Literature (*Harper W. R.*) DM	35 Contemporary History of the Old Testament—Egypt, Babylonia, Assyria (*Goodspeed*) DM
9*b* Deuteronomy (*Breasted*) M Second Term 11:30; D 15			44 General Introduction to Textual Criticism of Old Testament (*Hirsch*) DM
22 Minor Prophets, Babylonian Period (*Harper W. R.*) M First Term 7:30; D 15			51 Development of Old Testament Theological Ideas (*Harper W. R.*) DM
22*b* Minor Prophets, Post-exilic (*Harper W. R.*) M Second Term 7:30; D 15			52 Modern Discoveries and Old Testament (*Price*) DM
34 History of Antiquity (*Goodspeed*) MM Second Term 10:30–12:30; D 16			
94 Advanced Hebrew Grammar—Etymology (*Harper W. R.*) M First Term 9:30; D 15			
95 Advanced Hebrew Grammar—Syntax (*Harper W. R.*) M Second Term 9:30; D 15			

XLI. Old Testament Literature and Interpretation.—*Continued.*

ARAMAIC, RABBINIC, SYRIAC, SAMARITAN, MANDAIC, AND PHŒNICIAN.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
55 General Introduction to Rabbinic Literature and Life (*Hirsch*) M Second Term 9:30; D 16 63 History of Jewish Sects (*Hirsch*) M First Term 9:30; D 16	60 Talmud (*Hirsch*) Rabbinical Seminar 62 Rabbinical Commentaries on Genesis (*Hirsch*) M First Term 9:30; D 15 68 Beginners' Syriac (*Harper R. F.*) DM 10:30; D 13	61 Civil and Criminal Legislation of Talmud (*Hirsch*) M First Term 65 Rabbinical Philosophy (*Hirsch*) DM 66 Biblical Aramaic (*Price*) M Second Term 69 Advanced Syriac (*Harper R. F.*) DM 99 Mandaic (*Hirsch*) M Second Term	64 Talmudical Analogies to the New Testament (*Hirsch*) M First Term

ASSYRIAN, ARABIC, ETHIOPIC, EGYPTIAN, COPTIC AND COMPARATIVE WORK.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
71 Assyrian Language (*Harper R. F.*) DM 8:30; D 13 73 Early Historical Inscriptions (*Harper R. F.*) DM 9:30; D 13 87 Earlier Suras of Quran (*Harper W. R.*) M First Term 10:30; D 15 90 Arabic 1001 Nights (*Hirsch*) M First Term 91 Arabic Geography, History and Commentary (*Harper W. R.*) M Second Term 10:30; D 15 93 Philosophical Literature of Arabians (*Hirsch*) M Second Term 101 Advanced Ethiopic (*Hirsch*) M First Term 106 Elementary Egyptian (*Breasted*) DM	76 Babylonian Historical Inscriptions (*Harper R. F.*) DM 9:30; D 13 82 Earliest Unilingual Inscriptions (*Price*) Seminar DM 3:00; D 15 88 Later Suras (*Harper W. R.*) DM 11:30; D 15 103 Semitic Seminar 2 (*Harper W. R.*) 3DM Autumn to Spring Quarter Sat. 7:30; D 15 106 Elementary Egyptian (*Breasted*) DM 2:00; D 13 113 Elementary Coptic (*Breasted*) DM 113*a* Thier und Mensch (*Breasted*) DM 3:00; D 13	79 Assyrian Syllabaries and Mythological Inscriptions (*Harper R. F.*) DM 89 Arabic Poetry (*Harper W. R.*) DM 100 Ethiopic (*Harper W. R.*) M First Term 103 Semitic Seminar 2 (*Harper W. R.*) DM 104 Comparative Lexical Study North Semitic Languages (*Price*) Seminar 107 Egyptian Texts of Classic Period (*Breasted*) DM 114 Coptic Reading, Sahidic Texts (*Breasted*) DM	76*b* Early Babylonian Inscriptions (*Price*) DM 93 Philosophical Literature of the Arabs (*Hirsch*) DM 103 Semitic Seminar 2 (*Harper W. R.*) DM 105 Comparative Lexical Study of South Semitic Languages (*Price*) Seminar DM 108 Late Egyptian (*Breasted*) DM 115 Coptic Reading Boheiric Texts (*Breasted*) M Second Term

XLII. New Testament Literature and Interpretation.

Departments XLII. and IX. are identical. The courses offered in both are the same.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
2 New Testament Greek (*Votaw*) MM First Term 8:30 and 2:00; D 16	4 Rapid Reading in the New Testament (*Votaw*) DM 10:30; D 16	1 New Testament Greek (*Burton*) DM	43 Origin of the Septuagint[3] (*Arnolt*) DM
7 Greek Palæography (*Gregory*) M Second Term 7:30; D 16	10*a* New Testament Times in Palestine (*Mathews*) DM 10:30; D 11	13 History of the Apostolic Church (*Mathews*) DM	58 History of Criticism of the Gospels (*Arnolt*) DM
9 New Testament Textual Criticism (*Gregory*) M Second Term 8:30; D 16	11 New Testament Times in Græco-Roman World (*Mathews*) DM 8:30; D 11	28 John (*Burton*) DM	60 History of Interpretation (*Mathews*) DM
15*b* Social History of New Testament Times (*Mathews*) M First Term 9:30; D 6	25 Matthew,[1] (*Burton*) DM 10:30; D 2	29 Acts (*Mathews*) DM	
34 Philippians (*Burton*) M Second Term 9:30; D 2	40 New Testament Quotations[2] a Seminar (*Burton*) DM Wed. Fri. 3:00–5:00; D 11	48 Philo (*Arnolt*) M First Term	
45 Psalms and Ecclesiastes in Greek[3] (*Arnolt*) M First Term 7:30; D 16	53 Sub-apostolic Greek Literature (*Arnolt*) DM 9:30; D 16	54 New Testament Apocrypha (*Arnolt*) M First Term	
	55 Christian Literature to Eusebius (*Arnolt*) DM 8:30; D 16	B4 Teaching of Jesus (*Mathews*) DM	

Remarks.

Courses 1 (or 2) and 10 are prescribed for students of the first year in the Graduate Divinity School.
Course 25 is prescribed for students of the second year in the Graduate Divinity School.

Prerequisites.

[1] Course 1 or 2. [2] Courses 1 (or 2); 25 (or 27); and a knowledge of Hebrew. [3] A knowledge of Hebrew.

XLIII. Biblical Theology.

A–Old Testament; B–New Testament.

SUMMER	*AUTUMN*	*WINTER*	*SPRING*
	A39 Old Testament Prophecy (*Harper, W. R.*) DM 10:30; D 15	A45 The Development of the Old Testament Literature (*Harper, W. R.*) DM	A51 The Development of Old Testament Theological Ideas (*Harper, W. R.*) DM
		B4 Teaching of Jesus in Relation to the Thought of his Day (*Mathews*) DM	B2 Theology of the Gospel of John;[1] a Seminar (*Burton*) MM First Term
			B5 Sociological Ideas of the Apostolic Age; a Seminar (*Mathews*) DM

Prerequisite.

[1] Course 28 (The Gospel of John) in Department XLII-IX.

XLIV. Systematic Theology.

SUMMER	AUTUMN	WINTER	SPRING
2 Theology Proper (*Northrup*) M First Term 9:30; D 2 7 Philosophy and the Christian Religion (*Northrup*) M First Term 11:30; D 2 Agnosticism (*Bruce*) 12 Lectures, Second Term Historical Foundations of the Faith (*Bruce*) 12 Lectures, Second Term	3 Philosophical Apologetics (*Foster*) DM 9:30; D 2 11 Anthropology; The Christian Doctrine of Sin (*Foster*) DM 11:30; D 6 13 Christology (*Northrup*) DM 11:30; D 2 19 Seminar, Christology (*Northrup*) DM **Tues. and Thurs.** 3:00–5:00; D 2 20 Seminar, Development of Protestant Theology since Kant (*Foster*) DM **Wed. and Fri.** 3:00–5:00; D 2	6 The Doctrine of the Bible (*Northrup*) DM 15 Eschatology (*Foster*) DM 19 Seminar, Christology, continued (*Northrup*) DM 20 Seminar, Development of Protestant Theology since Kant, continued (*Foster*) DM	9 The Doctrine of God (*Northrup*) DM 18 Christian Ethics (*Foster*) DM 19 Seminar, Christology, continued (*Northrup*) DM 21 Seminar, The Theology of Ritschl and his School (*Foster*) DM

Remarks.

Courses 3, 11, 13, are Required Courses.

XLV. Church History.

SUMMER	AUTUMN	WINTER	SPRING
1 Ancient Church History (*Hulbert*) M Second Term 9:30; D 6 13 Preparation in England and Bohemia for the Reformation (*Moncrief*) First Term 10:30; D 6 15 Reformation Period (*Moncrief*) First Term 11:30; D 6 32 English Church History under the Tudors (*Hulbert*) M Second Term 8:30; D 6	5 Conversion of Northern and Western Europe (*Hulbert*) DM 2:00; D 6 14 Forerunners of the Reformation in Italy (*Moncrief*) DM 7:30; D 2 18 Swiss Reformation (*Johnson*) DM 9:30; D 11 30 English Church History from Norman Conquest to Age of Wiclif A Seminar (*Hulbert*) DM **Tues. and Thur.** 3:00–5:00; D 6 59 Philosophy of History A Seminar (*Moncrief*) DM **Wed. and Fri.** 3:00–5:00; D 6	3 From Constantine to Theodosius (*Hulbert*) DM 7 From Charles the Great to Boniface VIII. (*Moncrief*) DM 21 The Dutch Reformation (*Moncrief*) DM 51 History of Doctrines (*Johnson*) DM 57 Christian Missions in 16th, 17th, and 18th Centuries (*Hulbert*) DM	2 Prior to Constantine (*Johnson*) DM 13 Preparation in England and Bohemia for the Reformation (*Moncrief*) DM 20 French Reformation (*Moncrief*) DM 22 The Counter Reformation (*Johnson*) DM 58 Christian Missions in the 19th Century (*Hulbert*) DM

XLVI. Homiletics, Church Polity and Pastoral Duties.

AUTUMN	*WINTER*	*SPRING*
1 Homiletics DM Section *A* (*Anderson*) 3:00; D 7 Section *B* (*Johnson*) 11:30; D 11 (*Anderson* and *Johnson*) 3 History of Preaching (*Anderson*) DM 2:00 D 7	2 Plans and Sermons (*Anderson* and *Johnson*) DM 6 Masterpieces of Pulpit Eloquence (*Anderson*) DM	4 Church Polity and Pastoral Duties (*Anderson*) DM 5 Hymnology (*Anderson*) DM

VI. Sociology.

AUTUMN	*WINTER*	*SPRING*
14 Seminar (*Henderson*) DM Tues. 4:00- 6 00; C 2 15 Organized Christianity (*Henderson*) M First Term 8:30; D 6 18 The Family (*Henderson*) DM 9:30; D 6 19 Voluntary Associations (*Henderson*) M Second Term 8:30; D 6	14 Seminar (*Henderson*) DM Tues. 4:00–6:00; C 2 16 Dependents and Defectives (*Henderson*) M Second Term 2:00; C 11 31 American Rural Life (*Henderson*) M First Term 3:00; C 11 32 Agencies for Welfare (*Henderson*) M First Term 2:00; C 11 33 Modern Cities (*Henderson*) M Second Term 3:00; C 11	14 Seminar (*Henderson*) DM Tues. 4:00–6:00; C 2 17 Crime and Criminals (*Henderson*) M First Term 2:00; C 11 34 Biblical and Ecclesiastical Sociology (*Henderson*) M First Term 2:00; C 11 35 Historic Forms of Philanthropy (*Henderson*) M Second Term 3:00; C 11

Remarks.

Those who take the Seminar, Course 14, will omit Courses 15, 19, 32, and 33.

THE DANO-NORWEGIAN THEOLOGICAL SEMINARY.

(*Morgan Park.*)

L. Old and New Testament Literature and Interpretation.

AUTUMN	*WINTER*	*SPRING*
2 General Introduction (*Gundersen*) DM 8:30	5 Particular Introduction to New Testament (*Gundersen*) DM 3 Biblical Antiquities (*Landahl*) DM	4 Epistle to the Romans (*Gundersen*) M First Term

LI. Systematic Theology.

1 Introduction to the Science of Christian Theology (*Gundersen*) M First Term 9:30 2 Antecedents of Redemption (*Gundersen*) M Second Term 9:30	3 Redemption Itself (*Gundersen*) M First Term 4 Consequences of Redemption (*Gundersen*) M Second Term	5 New Testament Ethics (*Gundersen*) M First Term

LII. Homiletics, Church Polity and Pastoral Duties.

1 Church Polity (*Olsen*) DM 10:30	2 Theory of Preaching (*Olsen*) M First Term 3 Sermonizing and Preaching (*Olsen*) M Second Term	4 Sermonizing and Preaching, continued (*Olsen*) M First Term

LIII. Church History.

1 The Early Church (*Landahl*) DM 11:30		

THE SWEDISH THEOLOGICAL SEMINARY.

(*Morgan Park.*)

LV. Old and New Testament Literature and Interpretation.

AUTUMN	*WINTER*	*SPRING*
1 Genesis (*Lagergren*) M First Term 2:00	3 Isaiah (*Lagergren*) M First Term	5 Pastoral Epistles (*Lagergren*) M First Term
2 Gospel of Mathew (*Lagergren*) M Second Term 2:00	4 Book of Acts (*Lagergren*) M Second Term	

LVI. Systematic Theology and Pastoral Duties.

4 Anthropology (*Lagergren*) M First Term 3:00	6 Soteriology, continued (*Lagergren*) M First Term	8 Eschatology (*Lagergren*) M First Term
5 Soteriology (*Lagergren*) M Second Term 3:00	7 Church Polity (*Lagergren*) M Second Term	

LVII. Church History.

1 Ancient Church History (*Peterson*) M First Term 8:30	3 Modern Church History (*Peterson*) DM	4 American Church History (*Peterson*) M First Term
2 Mediæval Church History (*Peterson*) M Second Term 8:30		

AFFILIATED ORGANIZATIONS.

A. Disciples' Divinity House.

SPECIAL COURSES.

AUTUMN	WINTER	SPRING
1 History of the Disciples (*Willett*) DM D 6; 10:30	2 History of the Disciples, continued (*Ames*) DM	3 History of the Idea of Christian Union (*Willett*) DM

B. Cumberland Presbyterian Divinity House.

SPECIAL COURSES.

	1 Origin and Growth of the Cumberland Presbyterian Church (*Logan*) DM	2 Doctrines and Polity of the Cumberland Presbyterian Church (*Logan*) DM

TIME SCHEDULE.

AUTUMN QUARTER, 1895.

The Laboratory and Research Work of the Departments in the Ogden School of Science is only partially indicated in this time schedule.

Hours. A. M.	Divinity School.	Graduate School and University Colleges of Arts and Literature.	Ogden (Graduate) School and University College of Science.	Academic Colleges.
7:30	Forerunners of Reformation in Italy (*Moncrief*).	Semitic Seminar 2. (*W. R. Harper*) Lat.		
8:30	New Testament Times in the Græco-Roman World (*Mathews*). Christian Literature to Eusebius (*Arnolt*). Organized Christianity (*Henderson*) 1st Term. Voluntary Associations (*Henderson*) 2d Term. General Introduction (*Gundersen*). Ancient Church History (*Peterson*). 1st Term. Mediæval Church History (*Peterson*). 2d Term.	Experimental Psychology (*Angell* and *Moore*). Principles of Political Economy, Section *a* (*Hill*). History of Political Economy (*Closson*). Province of Sociology (*Vincent*). Book of Judges (*Crandall*). Demosthenes and Æschines (*Capps*). Pliny (———) Elementary French (*Bergeron*). Advanced German Prose Composition (*Cutting*).	Advanced Integral Calculus (*Bolza*). Mathematical Seminar (*Moore*). Saturday 8:30–10:30. General Astronomy (*Laves*). Theory of Reduction of Observations (*Wadsworth*). Monday to Wednesday. Geophysics (*Bauer*). Tuesday, Thursday, Friday. Carbohydrates (*Stieglitz*). Wednesday and Thursday. Architecture of Central Nervous System (*Donaldson*): Thursday. Seminar: Neurology (*Donaldson*). Friday, 8:30–10:30. Vertebrate Zoölogy (*Baur*). Thursday and Friday. Research in Osteology (*Baur*). Mon.–Fri., 8:30–12:30; 2:00–5:00 Systematic Phylogeny of Vertebrates (*Baur*). Tuesday and Wednesday	Principles of Political Economy, Section *a* (*Hill*). Outline of Modern Europe, Section *a* (*Schwill*). History: Mediæval Period (*Thompson*). Homer, *Iliad* (*Owen*). Cicero, *Orations* (*Walker*). Elementary French (*Bergeron*). Elementary French (———). Elementary German, Section *a* (*Kern*). Elementary German, Section *b* (*Almstedt*). Rhetoric and English Composition (*Lewis*). Required Mathematics, 1*d* (*Slaught*). Vertebrate Zoölogy and Palæontology (*Baur*). Thursday and Friday.
9:30	Sub-Apostolic Literature (*Arnolt*). Philosophical Apologetics (*Foster*). Swiss Reformation (*Johnson*). The Family (*Henderson*). Introduction to Christian Theology (*Gundersen*). 1st Term. Antecedents of Redemption (*Gundersen*). 2d Term.	Logic of Ethics (*Dewey*). History of Philosophy (*Tufts*). Principles of Political Economy, Section *b* (*Closson*). Civil Government (*Judson*). Administrative Law (*Freund*). Renaissance (*Schwill*). Rabbinical Commentaries (*Hirsch*). 1st Term. Book of Job (*Hirsch*). 2d Term. Babylonian Historical Inscriptions (*R. F. Harper*). Virgil, Tibullus, Propertius (*Chandler*). Elementary French (*Howland*). French Syntax (*Bergeron*). German Literature from 1720–1800 (*von Klenze* and *McClintock*). Peotry of Tennyson (*Tolman*). Criticism of Criticism (*Wilkinson*). 1st Term. Short Stories (*Wilkinson*). 2d Term.	Partial Differential Equations (*Boyd*). Probability and Least Squares (*Laves*). Projection Drawing and Line Shading (*Wadsworth*). Saturday 9:30–12:30. Crystallography (*Iddings*). Embryology; Research (*Whitman*). Daily, 9:00–4:00. Anatomy and Physiology of Cell (*Watasé*). Friday, 9:30–5:00. Comparative Anatomy of Vertebrates (*Wheeler*). Monday to Thursday, 9:30–12:30. Entomology; Research (*Wheeler*). Daily, 9:00–4:00. Physiology: Original Investigation (*Loeb*). Botany: Special Morphology (*Coulter*). Saturday.	Principles of Political Economy, Section *b* (*Closson*). Outline of Modern Europe, Section *b* (*Catterall*). Homer, *Odyssey* (*Owen*). Cicero; Livy, Section *a* (*Walker*). Cicero; Livy, Section *b* (*Moore*). Elementary French (*Howland*). Modern German Prose (*Kern*). English Composition (*Moody*). Required Mathematics, 1*a* (*Young*). General Physics: Lectures (*Stratton*). Physiography (*Salisbury*). General Biology (*Jordan*) Wedn.
10:30	Old Testament Prophecy (*W. R. Harper*). New Testament Greek (*Votaw*). New Testament Times in Palestine (*Mathews*). Gospel of Matthew (*Burton*). History of Disciples (*Willett*). Church Polity (*Olsen*).	Introductory Psychology, Section A (*Angell* and *Moore*). Kant's Critique of pure reason (*Tufts*). Socialism (*Veblen*). International Law (*Judson*). Protestant Reformation (*Catterall*). History of the United States (*Shepardson*). Seminar in English History (*Terry*). Monday, 10:30–12:30. Classical Archæology (*Tarbell*). Mexico (*Starr*). House Sanitation (*Talbot*). History of Woman (*Thomas*). Old Testament Prophecy (*W. R. Harper*). Beginners' Syriac (*R. F. Harper*). Introduction to Indo-European Philology (Buck). 1st Term. Roman Philosophy (*Chandler*). French Literature (*Bergeron*).	Analytics and Calculus, Section *a* (*Boyd*). Equations. First Quarter (*Young*). Algebraic Functions (*Bolza*). General Physics: Advanced (*Wadsworth*). Monday to Friday. Theory of Attractions (*See*). Principles and Working Methods of Geology (*Chamberlin*). General Physiology (*Loeb*). Monday, Wednesday, Thursday, Saturday. Physiology of Circulation (*Lingle*). Tuesday.	Xenophon and Plato (*Capps*) Horace, *Odes*, Section *a* (*Miller*). Modern German Lyrics and Ballads (*von Klenze*). German, Intermed. Course (*Almstedt*). Rhetoric and English Composition (*Moody*. English Literature, A (*Tolman*). Required Mathematics, 1*b* (*Hancock*). Mathematical Pedagogy (*Young*). Required Elocution, Section 1 (*Clark*). Tuesday.

10:30		Elementary Italian (*Howland*). Elementary Swedish (*Dahl*). Poetry of Wordsworth (*McClintock*).		
11:30	Life of Christ (*Burton*). Christology (*Northrup*). Anthropology: Doctrine of Sin (*Foster*). Homiletics, Section *B* (*Johnson*). Oratorical Declamation (*Clark*). Tues. to Sat. The Early Church (*Lawdahl*).	Introductory Psychology, Section B (*Angell* and *Moore*). General Pedagogy (*Bulkley*). Money (*Laughlin*). Statistics (*Gould*). Tariff History (*Hill*). General Jurisprudence (*Freund*). General Anthropology (*Starr*). Comparative Psychology (*Thomas*). Arabic: Later Suras (*W. R. Harper*). Book of Chronicles (*Crandall*). 2d Term. Comparative Grammar (*Buck*). 2d Term. Sanskrit (*Buck*). Cicero's Letters (*Abbott*). French Readings (*Bergeron*). Italian Philology (*Bruner*). Faust (*Cutting*). Studies in Ibsen (*Dahl*). Development of English Lyric Poetry (*Carpenter*). Life of Christ (*Burton*). Oratorical Declamation (*Clark*). Tuesday to Saturday. English Romantic Poets (*Reynolds*).	Analytics and Calculus, Section *b* (*Boyd*). History of the Physical Sciences (*See*). Special Graduate Course (*Michelson*). Thursday and Friday. Spectrum Analysis (*Michelson*). Monday and Tuesday. General Chemistry (*Smith*). 1st Term, Monday to Friday. 2d Term, Monday to Wednesday. Organic Chemistry (*Nef*). Thursday to Saturday. Geographic Geology (*Salisbury*). Oratorical Declamation (*Clark*). Tuesday to Saturday.	Euripides (*Tarbell*). Terence, Tacitus; Section *a* (*Miller*). Terence; Tacitus; Section *b* (———). English: Fortnightly Themes (*Lewis*). Tuesday. Life of Christ (*Burton*). Required Mathematics, 1c (*Hancock*). General Chemistry (*Smith*). 1st Term. Monday to Friday. 2d Term. Monday to Wednesday.
P. M. 12:30 to 1:00	CHAPEL EXERCISE.	CHAPEL EXERCISE.	CHAPEL EXERCISE.	CHAPEL EXERCISE.
2:00	Conversion of Northern and Western Europe (*Hulbert*). History of Preaching (*Anderson*). Genesis (*Lagergren*). 1st Term. Matthew (*Lagergren*). 2d Term.	Advanced Statistics (*Gould*). Finance (*Closson*). History of Antiquity (*Goodspeed*). Modern French Monarchy (*Thompson*). Physical Anthropology; Laboratory (*Starr*). Social Philosophy (*Small*). Dynamics: a Seminar (*Small*). Monday, 2:00–4:00. Contemporary Society (*Vincent*). Canon and Text of Old Testament (*Price*). Elementary Egyptian (*Breasted*). Old Norse Literature (*Dahl*). Popular Latin (*Poyen-Bellisle*). Elementary Spanish (————). Old English, Advanced (*Blackburn*). English Language Seminar (*Blackburn*). Monday, 2:00–4:00.	Functions (*Moore*). Monday and Wednesday 2:30–4:30. Elliptic Functions. First Quarter. (*Moore*). Tuesday and Thursday 2:30–4:30. Physics, Laboratory Practice, Advanced (*Wadsworth*). Mon. to Wed. 1:30–4:30. Projection Drawing and Line Shading (*Wadsworth*). Wednesday to Friday 1:30–4:00. Laboratory Methods (*Stratton*). Thursday and Friday. Research Course (*Michelson*). Monday to Friday. Graduate Course (*Michelson* and *Stratton*). Monday to Thursday. Theoretical Physics (*Bauer*). Friday, 2:30–4:30. General Chemistry (*Smith*) Laboratory. Wednesday to Friday. 2:00–5:00. Special Bacteriology (*Jordan*). Tuesdays and Thursdays 2:00–5:00. Advanced Physiology (*Loeb*). Neurology: Laboratory Work (*Donaldson*). Thursday and Friday, 2:00–5:00. Seminar in Phylogeny (*Baur*). Wednesday 2:00-4:00.	Elementary Spanish (———). Rhetoric and English Composition (*Lovett*). English: Advanced Themes (*Lovett*) Tuesday, 1:30. English Literature, B (*Reynolds*). Chemistry 1 } (*Smith*). Laboratory Work } (*Smith*). Wednesday to Friday. General Biology (*Jordan*) Wednesday. Introductory Physiology (*Lingle*). Monday and Friday.
3:00	Seminar: New Testament Quotations (*Burton*). Wednes. and Fri. 3:00–5:00 Seminar: Christology (*Northrup*). Tues. & Thurs. 3:00–5:00. Seminar: Development of Modern Protestant Theology (*Foster*). Wed. & Fri. 3:00–5:00.	Seminar: History of Philosophy (*Dewey*). Wednesday, 3:00–5:00. Seminar: Political Economy (*Laughlin*). French Revolution (*von Holst*). Seminar (*Talbot*). 3:00–5:00. Religions of India (*Goodspeed*). Unilinqual transcriptions (*Price*). Arabic: Thier und Mensch (*Breasted*). Plato (*Shorey*) Monday and Friday, 3:00–5:00. Seminar (*Shorey*) Wednesday, 3:00–5:00.	Heredity and Evolution (*Wyld*). Wednesday to Friday.	Outline of Modern Europe, Section *c* (*Catterall*). Horace, *Odes*, Section *b* (*Moore*). Elementary French (*Poyen-Bellisle*). Elementary German; Section *a* (*Kern*). Elementary German; Section *b* (*Almstedt*). Chemistry 1 } (*Smith*). Laboratory Work } (*Smith*). Wednesday to Friday. General Biology (*Jordan*). Wednesday.

TIME SCHEDULE, AUTUMN QUARTER, 1895—Continued.

3:00	Seminar: English Church History, I. (*Hulbert*). Tues. and Thurs. 3:00–5:00. Seminar: Philosophy of History (*Moncrief*). Wed. and Fri. 3:00–5:00. Homiletics: Section *A* (*Anderson*). Anthropology (*Lagergren*) Soteriology (*Lagergren*) 2d Term.	Latin Seminar (*Abbott*). Tuesday, 3:00–5:00. Elementary French (*Poyen-Bellisle*). Old French Phonology (*Bruner*). Spanish Literature (————). Scandinavian 19th Century Literature (*Dahl*). Advanced English Composition (*Lovett*). Daily Themes (*Lovett*). Monday. Seminar: Art of Poetry (*Wilkinson*). Old English, Elementary (*Blackburn*).		
4:00	Seminar in Sociology (*Henderson*) Tues. 4:00–6:00	Kant Seminar (*Tufts*). Tuesday, 4:00–6:00. Seminar: Political Science (*Judson*). Tuesday, 4:00–6:00. Transition Period (*Terry*). Seminar: American History (*von Holst*). Monday, 4:00–6:00. Northern Buddhism (*Buckley*). Sanskrit, Advanced (*Stratton*). Old French Readings (*Poyen-Bellisle*). Italian Literature in English (*Howland*). Gothic (*Schmidt-Wartenberg*). English Romantic Movement (*McClintock*). Wednesday and Thursday, 4:00–6:00.	Seminar: Historical Embryology (*Whitman*). Tuesdays.	English: Fortnightly Themes (*Lewis*). Tuesday. Chemistry 1 } (*Smith*). Laboratory Work } (*Smith*). Wednesday to Friday. General Biology (*Jordan*). Wednesday. Required Elocution (*Clark*). Section 2, Wednesday; Section 3, Thursday; Section 4, Friday.
5:00		Germanic Philology (*Schmidt-Wartenberg*).		

ROOM SCHEDULE, COBB LECTURE HALL.

AUTUMN QUARTER, 1895.

NOTE.—B C and D indicate the Second, Third and Fourth Floor of Cobb Lecture Hall. The numerals after the name of the Instructor indicate the number of Department and Course. **Bold-face** type indicates Academic College Courses. T. Term.

ROOM	7:30	8:30	9:30	10:30	11:30	2:00	3:00	4:00
B. 2		**Owen (xi 1)**	**Owen (xi 3)**	Tarbell (v 1)	**Tarbell (xi 7)**		Shorey (xi 22) Mon. and Fri. 3:00-5:00 (xi 26) Tues. 3:00-5:00	
3				Buck (x 1 and 2)	Buck (x 4)			A. W. Stratton (x 14)
5				Chrndler (xii 25)			Abbott (xii 34)	Wed. 3:00-5:00
6		Mr. —— (xii 17)	**Moore (xii 4*b*)**	**Capps (xi 2)**	Abbott (xii 11)			
7		Capps (xi 14)	**Walker (xii 4*a*)**	**Miller (xii 6*a*)**	**Miller (xii 5*a*)**			
8		**Walker (xii 1)**	Chandler (xii 15)		**Mr. —— (xii 5*b*)**		**Moore (xii 6*a*)**	
9		Cutting (xiv 12)	von Klenze and McClintock (xiv 6)	**von Klenze (xiv 32)**	Cutting (xiv 3)	Dahl (xiv 23)	**Almstedt (xiv 29*b*)**	Schmidt-Wartenberg (xiv 13); (xiv 17) at 5:00
10		**Kern (xiv 29*a*)**	**Kern (xiv 31)**	**Almstedt (xiv 30)**	von Klenze (xiv 2)		**Kern (xiv 29*a*)**	
12		**Mr. —— (xiii 3)**	**Howland (xlii 1)**	Howland (xiii 31)	Bruner (xiii 41)	**Mr. —— (xiii 51)**	Bruner (xiii 21)	Howland (xiii 34)
14				Dahl (xiv 21)			Dahl (xiv 25)	
16		**Bergeron (xiii 1)**	Bergeron (xiii 4)	Bergeron (xiii 10)	Bergeron (xiii 7)	Poyen (xiii 27)	**Poyen (xiii 2)**	Poyen (xiii 24)
C. 1								Judson (iii 10) Tues. 4:00-6:00
2						Small (vi 28) Mon. 2:00-4:00		Henderson (vi 14) Tues. 4:00-6:00
3		Hill (ii 1*a*)	Closson (ii 1*b*)	Veblen (vii 7)	Laughlin (ii 9)	Closson (ii 15)	Laughlin (ii 20)	
7				Terry (iv 59) Mon. 10:30-12:30				von Holst (iv 63) Mon. 4:00-6:00; Terry (iv 24)
8		**Thompson (iv 1)**	**Catterall (iv 2*b*)**	Catterall (xiv 4)	Hill (ii 13)	Thompson (iv 31)	**Catterall (iv 2*c*)**	
9		**Schwill (iv 2*a*)**	Judson (iii 11)	Judson (iii 21, 22)	Gould (ii 10)	Gould (ii 11)	von Holst (iv 44)	
10		Closson (ii 5)	Freund (iii 25)	Thomas (vi 42)	Freund (iii 31)	Small (vi 29A)	Talbot (vi 10)	Talbot (vi 10)
11		Vincent (vi 24)	Schwill (iv 32)	Talbot (vi 11)	Thomas (vi 41)			
13			Dewey (i 13)	Shepardson (iv 51)	Bulkley (i B 3)			
14							Dewey (i 11) Wed. 3:00-5:00	Tufts (i 8) Tues. 4:00-6:00
17		**Almstedt (xiv 29*b*)**	Tufts (i 4)	Tufts (i 5)		Vincent (vi 37)		
D. 1			**Moody (xv 2)**				Lovett (xv 5*a* and 5*b*)	
2			Foster (xliv 3)	Burton (ix 25)	Northrup (xliv 13)		Northrup (xliv 19) Foster (xliv 20)	Tues. and Thurs. 3:00-5:00 Wed. and Fri. 3:00-5:00
6	Moncrief (xlv 14)	Henderson (vi 15 and 19)	Henderson (vi 14)		Foster (xliv 11)	Hulbert (xlv 5)	Hulbert (xlv 30) Moncrief (xlv 59)	Tues. and Thurs. 3:00-5:00 Wed. and Fri. 3:00-5:00
7		**Slaught (xvii 1*d*)**	**Young (xvii 1*a*)**	**Hancock (xvii 1*b*)**	**Hancock (xvii 1*c*)**	Anderson (xlvi 3)	Anderson (xlvi 1A)	
8			Tolman (xv 57A)	McClintock (xv 52)	Reynolds (xv 54)	**Reynolds (xv 40B)**	Wilkinson (xv 80)	McClintock (xv 51A) Wed. and Thurs. 4:00-6:00
9			Wilkinson (xv 81 & 82)	**Tolman (xv 40A)**	Carpenter (xv 88)	Blackburn (xv 21) (xv 23) Mon. 2:00-4:00	Blackburn (xv 20A)	
11		Mathews (ix 11)	Johnson (xlv 18)	Mathews (ix 10*a*)	Johnson (xlvi 1B)		Burton (ix 40)	Wed. and Fri. 3:00-5:00
13			R. F. Harper (viii 76)	R. F. Harper (viii 68)	Crandall (viii 7) 2T	Breasted (viii 106)	Breasted (viii 113*a*)	
15	W. R. Harper (viii 103) Sat. 7:30-9:30	Crandall (viii 9*c*)	Hirsch (viii 62 & 25)	W. R. Harper (viii 39)	W. R. Harper (viii 88)	Price (viii 43)	Price (viii 82)	
16		Arnolt (ix 55)	Arnolt (ix 53)	Votaw (ix 4)	Burton (xvi B 3)	Goodspeed (iv 7 = viii 34)	Goodspeed (vii 2)	

The Official and Semi-Official Organizations.

NOTE.—It has been decided to publish in the QUARTERLY CALENDAR brief abstracts of papers read at the meetings of the Philological Society and the Departmental Clubs. The presiding officers of these associations are requested to announce this decision at the meetings of their club; and the secretaries are expected to send at their earliest convenience, to the Recorder's office, a report containing: (1) Date of regular meeting of the club, and (2) List of officers elected for the current year. It shall also be the secretaries' duty to furnish to the Recorder the titles of articles to be presented to the Clubs at their next meeting, and to see that brief abstracts of these communications are sent to the Recorder's Office.

OFFICERS OF THE UNIVERSITY CLUBS.

THE GRADUATE CLUB.

President—H. K. Whitaker (History).
Vice President—G. F. Hull (Physics).
Secretary—C. L. Scofield (History).
Treasurer—M. L. Miller (Anthropology).

Executive Committee—Messrs. Learned, Chase, Read, Squires, and Whitney; Misses Bartlett, Faulkner, Gould, Stone, and Tanner.

THE PHILOLOGICAL SOCIETY.

President—Assistant Professor F. A. Blackburn.
Vice President—Assistant Professor H. Schmidt-Wartenberg.
Secretary and Treasurer—Assistant Professor F. J. Miller.
Programme Committee—The President, Vice President, and the Secretary, with F. A. Wood and Theo. L. Neff, of the Graduate School.
The Society meets in *Room B 8, Cobb Lecture Hall*, on the third Friday of each Term, 8:00 P.M.

THE DEPARTMENTAL CLUBS.

THE BIOLOGICAL CLUB.

President—Head Professor C. O. Whitman.
Vice President—Professor H. H. Donaldson.
Secretary and Treasurer—H. S. Brode.

Meets fortnightly, Wednesdays at 4:00 P.M., in *Kent Chemical Laboratory.*

THE CHEMICAL CLUB.

President—Professor J. U. Nef.
Meets every Friday at 8:00 P.M., in *Lecture Room Kent Chemical Laboratory.*

THE CHURCH HISTORY CLUB.

President—C. D. Case.
Vice President—W. H. Howard.
Secretary—J. H. Randall.
Meets fortnightly on Tuesday at 7:30 P.M., in the *Faculty Room.*

THE CLASSICAL CLUB.

President—Head Professor W. G. Hale.
Vice President—Professor Paul Shorey.
Secretary—Dr. G. B. Hussey.
Executive Committee—The President, Vice President, and the Secretary, with C. K. Chase and H. L. Lovell, of the Graduate School.
Meets monthly.

THE COMPARATIVE RELIGION CLUB.

President—F. J. Coffin.
Secretary—F. C. Sherman.
Meets monthly throughout the year.

THE ENGLISH CLUB.

President—Associate Professor W. D. McClintock.
Secretary—Dr. Myra Reynolds.
Treasurer—Maude Radford.
The meetings are to be held hereafter upon Tuesday evening of the third, seventh, and eleventh weeks of each quarter, in *Cobb Lecture Hall, Room B 10,* at 8:00 P.M.

THE EXEGETICAL CLUB.

President—J. H. Grant.
Secretary and Treasurer—A. R. E. Wyant.

Programme Committee — Professors Price, Burton, and Goodspeed.

Meets fortnightly on Tuesday evening, in D 16.

FORUM LITERARY SOCIETY.

President—J. W. Thach.
Vice President—S. C. Mosser.
Secretary—F. H. Wescott.
Treasurer—W. L. Goble.

Meets Saturday evenings at 7:00 P.M., in B 12.

THE FRENCH LITERATURE CLUB.

President—Assistant Professor E. Bergeron.
Secretary—S. H. Ballou.

Meets fortnightly on Fridays at 4:00 P.M., in B 16.

THE GEOLOGICAL CLUB.

President—Thomas C. Hopkins.
Vice President—Lizzie K. Ford.
Secretary—D. E. Willard.

Meets fortnightly, Tuesdays at 4:00 P.M., in *Walker Museum.*

THE GERMANIC CLUB.

President—Associate Professor S. W. Cutting.
Secretary—Paul Oskar Kern.

Meets fortnightly on Mondays at 3:00 P.M., in B 11.

THE MATHEMATICAL CLUB AND SEMINAR.

Conducted by the Instructors of the Mathematical Faculty. Meets fortnightly, Saturdays at 4:30 P.M., in *Ryerson Physical Laboratory, 35.*

THE NEW TESTAMENT JOURNAL AND ESSAY CLUB.

President—C. W. Votaw.
Vice President — Associate Professor Shailer Mathews.
Secretary—Edgar J. Goodspeed.

Meets fortnightly on Tuesdays at 8:00 P.M.

THE POLITICAL ECONOMY CLUB.

Honorary President—Head Professor J. L. Laughlin.
President—William Hill.
Secretary and Treasurer—George Tunell.
Executive Committee—The President, Secretary, Sarah M. Hardy, John W. Million, and Robert F. Hoxie.

Meets Thursdays at 7:30 P.M., in the *Faculty Room.*

THE CLUB OF POLITICAL SCIENCE AND HISTORY.

President—Harry Pratt Judson.
Vice President—G. H. Alden.
Secretary and Treasurer—Lulu C. Daniels.
Executive Committee — The President and Secretary together with J. W. Fertig, Ethel A. Glover and W. S. Davis.

Meets fortnightly on Wednesdays at 8:00 P.M., in the *Faculty Room.*

THE ROMANCE CLUB.

President—Mr. George C. Howland.
Secretary—Susan R. Cutler.

THE SCANDINAVIAN CLUB.

President—Dr. Olaus Dahl.
Vice President—John A. Munson.
Secretary—V. O. Johnson.

THE SEMITIC CLUB.

President—Professor Emil G. Hirsch.
Vice President—Associate Professor Ira M. Price.
Secretary—Dean A. Walker.

Meets fortnightly on Thursdays at 7:30 P.M.

THE PHILOSOPHICAL CLUB.

President—Head Professor John Dewey.
Vice President—Associate Professor J. H. Tufts.
Secretary—H. L. Schoolcraft.

Meets fortnightly on Wednesdays at 7:45 P.M., in C 13.

THE SOCIOLOGY CLUB.

President—J. D. Forrest.
Vice President—J. H. Raymond.
Secretary and Treasurer—F. H. Matzinger.
Journal Committee—Head Professor A. W. Small, C. H. Hastings.

Meets fortnightly on Tuesdays at 7:30 P.M., in the *Faculty Room.*

THE UNIVERSITY EXTENSION CLUB.

Executive Committee: H. B. Grose, J. H. Raymond, E. W. Bemis. Nathaniel Butler, C. E. Crandall.
Secretary—F. W. Shepardson.

Meets monthly, on Saturday, at 7:30 P.M., from October to July.

THE ORATORICAL ASSOCIATION.

President—William O. Wilson.
Vice President—Victor O. Johnson.

Secretary—Moses D. McIntyre.
Treasurer—Phineas J. Yousephoff.
Critic—Robert L. Hughes.

Meets fortnightly on Mondays at 7:30 P.M., in *Lecture Room, Cobb Lecture Hall.*

THE LITERARY SOCIETY OF THE DANO-NORWEGIAN THEOLOGICAL SEMINARY.

(*Morgan Park, Ill.*)

President—S. Kristoffersen.
Vice President—H. P. Andersen.
Secretary—O. Skotheim.
Vice Secretary—H. J. Jacobsen.
Programme Committee—H. P. Andersen, A. Andersen, and F. Holm.

Meets every Thursday at 8:00 P.M., in *Chapel, Morgan Park Academy.*

THE SWEDISH LITERARY SOCIETY.

(*Morgan Park, Ill.*)

President—Bennet Erickson.
Vice President—S. G. Carlson.
Secretaries—E. W. Olson and C. E. Nylen.
Programme Committee—C. G. Scott, C. O. Dahlen, J. A. Carlson, R. A. Clint, and A. Lagerquist.

Meets Tuesdays at 7:30 P.M.

THE CHRISTIAN UNION AND OTHER RELIGIOUS ORGANIZATIONS.

OFFICERS OF THE CHRISTIAN UNION.

President—Associate Professor C. R. Henderson.
Vice President—A. A. Ewing.
Secretary and Treasurer—F. W. Woods.

The Executive Committee consists of C. R. Henderson, Chairman; Head Professor J. Laurence Laughlin, Miss Laura A. Jones, W. E. Chalmers, F. W. Woods, Miss Mary D. Maynard, together with the Presidents of the Young Men's Christian Association, the Young Women's Christian Association, the Missionary Society, the Volunteer Band, and the Disciples' Club.

The Executive Committee holds regular meetings each month.

SUB-COMMITTEES.

Public Worship—A. A. Ewing.
Bible Study—W. E. Chalmers.
Social Life—Mary D. Maynard.
Philanthropic Work—J. Laurence Laughlin, Chairman; M. L. Marot, Secretary and Treasurer; Mary E. McDowell, Head Resident of the University Settlement.

OFFICERS OF THE RELATED SOCIETIES.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION.

President—W. A. Payne.

Meets every Friday, at 6:45 P. M., in *Lecture Room, Cobb Lecture Hall.*

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

President—Mary D. Maynard.

Meets every Thursday at 1:30 P.M., in *Lecture Room, Cobb Lecture Hall.*

Union Meetings of the two Associations are held on Sundays, at 6:45 P. M.

THE MISSIONARY SOCIETY

Of the Divinity School of The University of Chicago.

President—H. A. Fisk.
Vice President—J. A. Herrick.
Treasurer—J. Y. Aitchison.
Secretary—W. A. Wilkin.

Meets fortnightly on Thursday evening, in *Chapel, Cobb Lecture Hall.*

THE DISCIPLES' CLUB

Of The University of Chicago.

President—J. D. Forrest.
Secretary—C. J. Atwater.

Meets on alternate Thursday evenings. Organized October 1, 1894.

THE VOLUNTEER BAND

Of The University of Chicago.

Chairman—W. A. Wilkin.
Secretary—Cora A. Allen.

Meets Fridays at 5:00 P.M. in D 7.

MUSIC.

WARDNER WILLIAMS, *Assistant in Music.*

Theatre, Kent Chemical Laboratory.

VOICE CULTURE. One hour a week. Tuesday at 5:00 P.M.

THE UNIVERSITY CHORUS. One hour and a quarter a week. Tuesday, at 7:15 P.M.

THE UNIVERSITY CHOIR. Five half hours a week. Monday–Friday, at 8:00 A.M.

THE UNIVERSITY ORCHESTRA. One hour and a half a week. Wednesday, at 7:30 P.M.

HARMONY. Two hours a week. Monday and Thursday, at 8:30 A.M.

THEORY OF MUSIC. Two hours a week. Tuesday and Friday, at 8:30 A.M.

THE HISTORY OF MUSIC. One hour a week. Wednesday, 8:30 A.M.

MUSICAL LECTURES AND RECITALS. Wednesdays, at 5:00 P.M.

THE EMPLOYMENT BUREAU.

Those who expect to apply for evening school positions must be present in Chicago, September 16, to take the examination. No other than a Chicago certificate will answer for these positions.

The next regular examination for high school teachers' certificates will occur December 24. If a special examination should be announced for September, due announcement will be made by the Steward.

Students who registered last quarter and received no work are continued on the enrollment of the Bureau Others must re-register.

THE STUDENTS' FUND SOCIETY.

This Society makes loans upon the joint recommendation of its own Committee and a Committee of the Faculty. Students are not eligible for loans until they have been members of the University one Quarter, and have shown marked success in scholarship. Applications are considered by the Committee of the Faculty at the end of each Quarter, but in order that the necessary preliminary information may be secured all applications for loans to be granted in any Quarter must be handed in to *Head Professor J. L. Laughlin*, Chairman, by the first of December, March, June, and September for the respective Quarter following. Application blanks may be secured at the office of the Registrar.

The Officers of the Society are:

President—A. A. Sprague.
Vice President—Norman Williams.
Secretary—Charles H. Hamill.
Treasurer—Byron L. Smith.

The Officers of the Executive Committee are:

President—Mrs. H. M. Wilmarth.
Vice President—Mrs. George E. Adams.
Secretary—Mrs. Noble B. Judah.

The Board of Directors consists of seven gentlemen and twelve ladies.

The Committee of the Faculty is composed of:

Head Professor J. Laurence Laughlin, Chairman; Dean Judson, Dean Talbot, Associate Professor Stratton, and Assistant Professor F. J. Miller.

The University Extension Division.

NATHANIEL BUTLER, *Director.*

THE LECTURE-STUDY DEPARTMENT.

FRANCIS W. SHEPARDSON, *Secretary.*

COURSES OFFERED DURING THE AUTUMN QUARTER.

I. PHILOSOPHY.

HEAD PROFESSOR DEWEY.

Pedagogical Studies.

ASSOCIATE PROFESSOR TUFTS.

Movements of Thought in the Nineteenth Century.

III. POLITICAL SCIENCE.

DR. OGDEN.

Early English Institutions.

Genesis of Some American Institutions.

Virginia Statesmen of the Revolution.

MR. NEWTON MILLER.

Studies in American Constitutional Development.

IV. HISTORY.

PROFESSOR TERRY.

An Introduction to the Study of History.

The Ethnic Foundation of Modern Civilization.

Political Foundation of Modern Civilization.

Baron and King—the Evolution of a Typical European Monarchy.

ASSISTANT PROFESSOR GROSE.

The Political Development of the European Nations since 1792.

The Founding of the German Empire of Today.

Studies in the History of Europe from the French Revolution to the Present Time.

Character Studies in Nineteenth Century History.

ASSISTANT PROFESSOR FELLOWS.

The Reformation Epoch.

General View of the French Revolution.

France in the Nineteenth Century.

DR. SHEPARDSON.

American Leaders and Great Historic Movements.

Social Life in the American Colonies.

DR. THOMPSON.

Feudalism and the French Monarchy.

Empire and Papacy in the Middle Ages.

The Making of England.

MR. PAGE.

The Old Northwest and its Heroes.

VI. SOCIOLOGY AND ANTHROPOLOGY.

HEAD PROFESSOR SMALL.

First Steps in Sociology.

ASSOCIATE PROFESSOR HENDERSON.

Charities and Corrections.

The Family—a Sociological Study.

Studies of the German Innere Mission.

ASSOCIATE PROFESSOR STARR.

Native Races of North America.

Early Man in Europe.

Mexico and Mexicans, Past, Present, and Future.

ASSISTANT PROFESSOR ZEUBLIN.

The Elements of Sociology.

Social Reform in Fiction.

PROFESSOR GOULD.

Six Live Social Problems of Cities.

Twenty Years of Social-Economic Legislation in Europe.

Industrial Labor in Europe and America.

MR. HOWERTH.

Sociology.

Some Social Experiments.

Social Evils and Proposed Remedies.

Six Great Theories and Their Social Significance.

Miss Clark.

Some Aspects of the Child Problem.

The Principles of School Sanitation and their Social Significance.

Mr. Merton Miller.

Studies in Culture-History.

VII. COMPARATIVE RELIGION.

Dr. Buckley.

Shinto, the Ethnic Faith of Japan.

The Science of Religion.

VIII. THE SEMITIC LANGUAGES AND LITERATURES.

Dr. Breasted.

History and Civilization of Egypt: An Account of the Earliest Historical Period of Human Culture.

XIII. ROMANCE LANGUAGES AND LITERATURES.

Assistant Professor Bergeron.

French Literature.

Littérature Française.

Assistant Professor Howland.

The Italian Poets.

Six Italian Prose Writers.

Italian Dramatists.

Dr. de Poyen-Bellisle.

L'Evolution du Théatre en France.

XV. THE ENGLISH LANGUAGE AND LITERATURE.

Professor Moulton.

Studies in Biblical Literature.

The Tragedies of Shakespeare.

Ancient Tragedy for English Audiences.

Stories as a Mode of Thinking.

Spenser's Legend of Temperance.

Literary Criticism and Theory of Interpretation.

Shakespeare's "Tempest," with Companion Studies.

Associate Professor Butler.

Preliminary Course in English Literature.

Some Studies in American Literature.

Associate Professor McClintock.

Introduction to the Study of Literature.

English Romantic Poets from 1780 to 1830.

Studies in Fiction.

Assistant Professor Tolman.

Studies in English Poetry.

Assistant Professor Crow.

Literature of the Age of Elizabeth.

George Meredith.

Mr. Clark.

Poetry as a Fine Art.

Dr. von Klenze.

The Development of the Nature-Sense, especially in English Literature.

Dr. Rubinkam.

Religious Ideas in Tennyson and Browning.

Miss Chapin.

General Survey of American Literature.

Masterpieces of English Poetry.

Mr. Jones.

Prophets of Modern Literature.

Masterpieces of George Eliot.

Social Studies in Henrik Ibsen.

Mr. Fiske.

Five Plays of Shakespeare.

Mrs. Moore.

General Course in Literature.

The Tragedies of Shakespeare.

The Novels of George Eliot.

The Nature and Development of the Modern Novel.

XVI. BIBLICAL LITERATURE IN ENGLISH.

Professor Moulton.

Studies in Biblical Literature.

Professor Hirsch.

Religion in the Talmud.

The Jewish Sects.

Biblical Literature.

History of Judaism.

Associate Professor Mathews.

The History of New Testament Times in Palestine.

Associate Professor Price.

What the Monuments tell us relative to the Old Testament.

The Forgotten Empire and the Old Testament.

Dr. Rubinkam.
Studies in Old Testament Literature.
Six Studies in the Hebrew Psalter.

Mr. Votaw.
Some Aspects of the Life of Christ.
The Teaching of Jesus.
Jewish Literature of the New Testament Times.
Christian Literature of the Second Century.

Mr. Willett.
Early Old Testament History.
Prophets and Prophecy.
Studies in the Life of Christ.
Studies in the Life and Work of Paul.
The Beginnings of Christianity.

XIX. PHYSICS.

Associate Professor Stratton.
Sound.
Assistant Professor Cornish.
Hydrostatics and Pneumatics.

XX. CHEMISTRY.

Mr. Allen.
The Chemistry of Foods.

XXII. ZOÖLOGY.

Mr. Cole.
Animal Studies.
Dr. Sudduth.
Embryology and Morphology.

XXV. NEUROLOGY.

Professor Donaldson.
The Growth of the Brain.

XXVII. BOTANY.

Mr. Cole.
Plain Talks on the Bacteria.

MUSIC.

Dr. Williams.
Music.

ART.

Mr. French.
Painting and Sculpture.
Mr. Taft.
Ancient Sculpture.
Contemporary French Art.
Contemporaneous Art.
Mr. Schreiber.
History of Art.
Child Study.

SCANDINAVIAN LITERATURE.

Dr. Dahl.
Social Studies in Björnson and Ibsen.
Norwegian Literature.
Swedish and Danish Literature.

JAPANESE HISTORY.

Mr. Wyckoff.
Studies in the History of Japan.

CALENDAR FOR 1895-96.

July 1.	Monday	FIRST TERM of Summer Quarter begins.
		MATRICULATION and REGISTRATION of incoming students.
		SUMMER MEETING of the *University Convocation.*
July 4.	Thursday	INDEPENDENCE DAY; a holiday.
July 7.	Sunday	THE CONVOCATION SERMON.
Aug. 10.	Saturday	FIRST TERM of Summer Quarter ends.
Aug. 11.	Sunday	SECOND TERM of Summer Quarter begins.
Sept. 2.	Monday	LAST DAY for handing in *registration cards* for Autumn Quarter.
Sept. 18-20.	Wednesday Thursday Friday	QUARTERLY EXAMINATIONS, and AUTUMN EXAMINATIONS for *admission to the Academic Colleges.*
Sept. 21.	Saturday	SECOND TERM of Summer Quarter ends.
		LAST DAY for handing in *Theses for the Doctorate* and *the Degree of Bachelor of Divinity* or *Theology,* to be conferred at the *January Convocation.*
Sept. 22-30.		QUARTERLY RECESS.
Oct. 1.	Tuesday	FIRST TERM of Autumn Quarter begins.
		MATRICULATION and REGISTRATION of incoming students.
		AUTUMN MEETING of the *University Convocation.*
Oct 6.	Sunday.	THE CONVOCATION SERMON.
Nov. 9.	Saturday	FIRST TERM of Autumn Quarter ends.
Nov. 10.	Sunday	SECOND TERM of Autumn Quarter begins.
Nov. 28.	Thursday	THANKSGIVING DAY; a holiday.
Dec. 2.	Monday	LAST DAY for handing in *registration cards* for Winter Quarter.
Dec. 17-20.	Tuesday Wednesday Thursday Friday	QUARTERLY EXAMINATIONS, and WINTER EXAMINATIONS for *admission to the Academic Colleges.*
Dec. 21.	Saturday	SECOND TERM of Autumn Quarter ends.
		LAST DAY for handing in *Theses for the Doctorate* and *the Degree of Bachelor of Divinity* or *Theology* to be conferred at the *April Convocation.*
Dec. 23-31.		QUARTERLY RECESS.
Jan. 1.	Wednesday	NEW YEAR'S DAY; a holiday.
		FIRST TERM of Winter Quarter begins.
Jan. 2.	Thursday	MATRICULATION and REGISTRATION of incoming students.
		WINTER MEETING of the *University Convocation.*
Jan. 30.	Thursday	DAY OF PRAYER for Colleges.
Feb. 11.	Tuesday	FIRST TERM of Winter Quarter ends.
Feb. 12.	Wednesday	LINCOLN'S BIRTHDAY; a holiday.
		SECOND TERM of Winter Quarter begins.
Feb. 22.	Saturday	WASHINGTON'S BIRTHDAY; a holiday.
Mar. 6.	Friday	LAST DAY for handing in *registration cards* for Spring Quarter.
Mar. 17-20.	Tuesday Wednesday Thursday Friday	QUARTERLY EXAMINATIONS, and SPRING EXAMINATIONS for *admission to the Academic Colleges.*
Mar. 21.	Saturday	LAST DAY for handing in *Theses for the Doctorate* and *the Degree of Bachelor of Divinity* or *Theology* to be conferred at the *July Convocation.*
Mar. 22.	Sunday	SECOND TERM of Winter Quarter ends.
Mar. 23-31.		QUARTERLY RECESS.
April 1.	Wednesday	FIRST TERM of Spring Quarter begins.
		MATRICULATION and REGISTRATION of incoming students.
		SPRING MEETING of the *University Convocation.*
		LAST DAY for receiving applications for fellowships.
May 1.	Friday	ANNUAL ASSIGNMENT of *Fellowships.*
May 11.	Monday	FIRST TERM of Spring Quarter ends.
May 12.	Tuesday	SECOND TERM of Spring Quarter begins.
May 28.	Thursday	MEMORIAL DAY; a holiday.
June 6.	Saturday	LAST DAY for handing in *Registration Cards* for Summer Quarter.
June 16-19.	Tuesday Wednesday Thursday Friday	QUARTERLY EXAMINATIONS, and SUMMER EXAMINATIONS for *admission to the Academic Colleges.*
June 20.	Saturday	SECOND TERM of Spring Quarter ends.
		LAST DAY for handing in *Theses for the Doctorate* and the *Degree of Bachelor of Divinity* or *Theology* to be conferred at the *October Convocation.*
June 21-30		QUARTERLY RECESS.

ORDER OF EXAMINATIONS FOR ADMISSION.

FOR THE AUTUMN QUARTER, 1895.

WEDNESDAY, SEPTEMBER 18, 1895.

Latin 3)	9:00—10:00	German 1)	2:00—3:00
Latin 1)	10:00—11:00	German 2)	3.00—4:00
History of the United States	11:00—11:30	Greek 4)	3:00—4:00
History of Greece	11:30--12:15	Algebra	4:00—5:00
Latin 2)	12:15—12:45		

THURSDAY, SEPTEMBER 19, 1895.

German 3)	9:00—10:00	English	2:00—3:30
Greek 3)	9:00—10:00	Solid Geometry	3:30—4:15
French 2)	9:00—10:15	History of Rome	4:15—5:00
French 1)	10:15—11:00		
Greek 1)	11:00—12:15		

FRIDAY, SEPTEMBER 20, 1895.

Plane Geometry	9:00—10:00	Latin 4)	1:30—2:45
Physics	10:00—11:30	Geology, Astronomy, Physiography	1:30—2:30
History 2a)	11:30—12:30	Biology	2:30—3:30
		Latin 5)	2:45—3:30
		Greek 2)	3:30—4:00
		Chemistry	3:30—5:00

SPECIAL NOTICE: The examinations for admission for the Winter Quarter, 1896, will cover four days December 17, 18, 19, and 20.

The University is situated on the Midway Plaisance, between Ellis and Lexington Avenues, and can be reached by the Cottage Grove Avenue cable cars (from Wabash Avenue), by the Illinois Central Railroad, to South Park station, or by the Sixty-first Street electric cars from Englewood station.

There is a Baggage Express office and a Western Union telegraph office at the University.

The telephone number of the University is Oakland-300.

It will be sufficient to address any correspondence relating to the work of the University to

THE UNIVERSITY OF CHICAGO,
Chicago, Illinois.

1265-1000-7-95